



National Institute on Alcohol Abuse and Alcoholism
Division of Biometry and Epidemiology
Alcohol Epidemiologic Data System

SURVEILLANCE REPORT #62

APPARENT PER CAPITA ALCOHOL CONSUMPTION: NATIONAL, STATE, AND REGIONAL TRENDS, 1977–2000

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HIGHLIGHTS

This surveillance report on apparent per capita alcohol consumption in the United States is the 17th in a series of consumption reports produced annually by the National Institute on Alcohol Abuse and Alcoholism (NIAAA). Findings are based on alcoholic beverage sales data, either collected directly by the Alcohol Epidemiologic Data System (AEDS) from States or provided by beverage industry sources. Population data provided by the U.S. Census Bureau are used to calculate per capita rates.

AEDS replaced 1990s population estimates used previously in this series with reestimated population data for the 1990s that bridge the 1990 and 2000 censuses. This resulted in changes (mainly slight decreases) in calculated per capita consumption for the 1990s compared with prior reports in this series. The changes in population estimates and the resulting impact on per capita consumption figures are discussed under "Sources and Limitations of Data" on page 2.

The following are highlights from the current report which updates consumption trends through 2000:

- After a 0.9 percent increase in 1999, per capita consumption of ethanol from all alcoholic beverages combined increased by 0.9 percent again in 2000 (from 2.16 to 2.18 gallons ethanol). The increase between 1999 and 2000 is mainly due to the increase in per capita consumption of spirits (from 0.63 to 0.65 gallons ethanol), while per capita consumption remained unchanged for wine (0.31 gallons ethanol) and declined for beer (from 1.23 to 1.22 gallons ethanol).
- Changes in overall per capita alcohol consumption among the States and the District of Columbia between 1999 and 2000 included increases in 29 States and the District of Columbia and decreases or no change in 21 States. This continued the trend observed in 1999 when overall per capita consumption increased in 41 States and decreased or remained unchanged in 9 States and the District of Columbia.
- Analysis of overall per capita alcohol consumption by census region between 1999 and 2000 indicated an overall per capita increase in all of the four regions: 1.9 percent in the Northeast, 0.5 percent in the Midwest, 0.5 percent in the South, and 0.9 percent in the West.
- The Healthy People Year 2000 national objective of reducing per capita consumption to no more than 2 gallons ethanol was not attained. To meet the Year 2010 objective (set to the same value of 2 gallons ethanol), total per capita ethanol consumption must decrease by 0.8 percent per year.

INTRODUCTION

This surveillance report on per capita consumption of alcohol in the United States is the 17th in a series of reports (Nephew et al. 2002, 2000, 1999, Williams et al. 1998, 1997, 1996, 1995, 1994, 1993, 1992, 1991a, b; Brooks et al. 1989; Steffens et al. 1988; Laforge et al. 1987; Doernberg et al. 1986) that examine alcohol consumption trends on a national, State, and regional basis. Like previous reports on per capita alcohol consumption, it is intended to provide updated alcohol information for policymakers, health care providers, researchers, and others concerned about alcohol issues. This report

adds coverage for 2000 and was prepared by AEDS staff under the supervision of NIAAA's Division of Biometry and Epidemiology. Other new surveillance reports prepared by AEDS and NIAAA staff describe alcohol-related fatal traffic crashes (Yi et al. 2002) and liver cirrhosis mortality (Yoon et al. 2002).

Major findings in this report are presented in three sections. The first section presents national data on trends in beer, wine, and spirits consumption, as well as on all alcoholic beverages combined. The second section presents data on alcohol consumption trends for individual States. States also are ranked in deciles according to total ethanol consumption. The third section presents data on consumption

trends for each type of beverage and all beverages combined for the Northeast, Midwest, South, and West regions defined by the U.S. Census Bureau.

Sources and Limitations of Data

To interpret the data in this report correctly, readers should keep the following points in mind:

- AEDS attempts to obtain alcoholic beverage sales data from every State and the District of Columbia because sales data more accurately reflect actual consumption of alcoholic beverages than do production and shipments data from beverage industry sources. AEDS received complete beverage sales and/or tax receipts reports for 2000 from 27 States for beer, 28 States for wine, and 23 States for spirits. For the remaining States and the District of Columbia, shipments data from major beverage industry sources (Beer Institute 2001; Distilled Spirits Council of the United States 2001; Motto, Kryla, and Fisher LLP 2002) were used for the numerator to calculate per capita consumption. Although sales and tax receipt data tend to provide slightly lower per capita estimates (about .01 to .02 points per capita), the mixed use of data from sales and shipments sources appears to have little effect on overall trends in per capita alcohol consumption (Campbell et al. 1994). State population estimates for persons ages 14 and older were obtained from the Internet site of the U.S. Census Bureau and used as denominators to calculate the per capita consumption figures.
- AEDS uses a population ages 14 and older to calculate per capita consumption rates. Although age 14 is below the minimum legal age for the purchase of alcoholic beverages throughout the United States, most self-report surveys indicate that many 14-year-olds drink alcoholic beverages. Data in the 1992 National Longitudinal Alcohol Epidemiologic Survey (NLAES) indicate that 7.2 percent of current drinkers ages 18 and older started drinking before the age of 15 (AEDS 1997). Results from

the Monitoring the Future survey in 2000 (Johnston et al. 2003) indicate that 43.1 percent of eighth graders (13- to 14-year-olds) reported past-year use of alcohol (i.e., beyond a few sips).

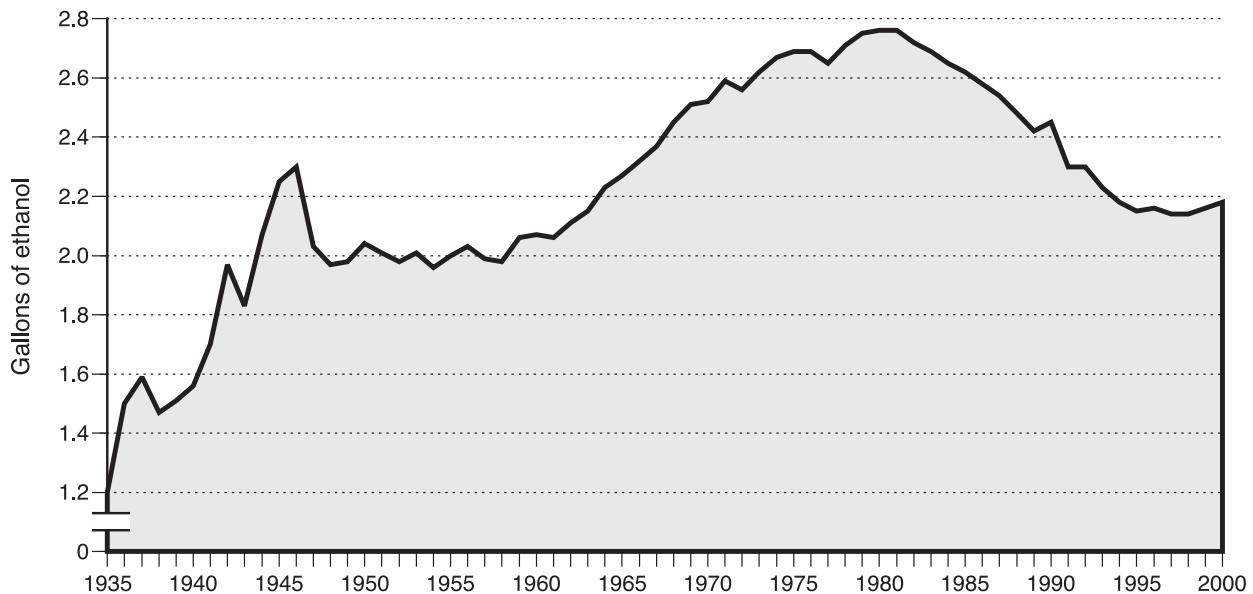
- The Census Bureau has released new 5-year age group population estimates for each of the States for the years 1990 to 1999 (at <http://www.cdc.gov/nchs/about/major/dvs/popbridge/popbridge.htm>). The new numbers are improved with information gained during the year 2000 Census. However, the 5-year age cutoffs in the new release do not match our need for estimates of State populations 14 years and older. To obtain these estimates, AEDS calculated the proportion of 14 year olds in the 10-14 age group from the old population estimate for each of the years from 1990 to 1999. The proportion was then multiplied by the new estimate for the 10-14 year old population for each respective year. The resulting estimate of the number of 14 year olds was added to the number of persons 15 years and older obtained directly from the new Census release. The replacement of old population estimates for the 1990s resulted in changes (mainly slight decreases) in per capita consumption for these years compared to previous reports in this series.
- Because the Census Bureau has only released Year 2000 July 1 total population estimates for each State, the number of persons 14 years and older was estimated using a similar process. The exact proportion of persons 14 years and older to the total population was calculated for each State and for the United States as a whole from the April 1 Census data. These proportions were then multiplied by the total population estimates to yield estimates of persons 14 years and older. The resulting estimates for each of the 50 States and the District of Columbia were then multiplied by a constant factor so that their sum equaled the estimated United States total. (This procedure is called

- “raking” or “geographic prorating” and is used by the U.S. Census Bureau [2002].)
- AEDS uses an estimate of average ethanol content in the alcoholic beverages to convert the gallons of sold or shipped beer, wine, and spirits into gallons of ethanol (pure alcohol) before calculating per capita estimates. The conversion coefficients (i.e., proportion of pure alcohol for each beverage type) are 0.045 for beer, 0.129 for wine, and 0.411 for spirits (Doernberg and Stinson 1985). In the process of developing a new AEDS Data Reference Manual on per capita consumption of alcohol for the years 1970 through 1994 (Stinson et al. 1997), it was discovered that the conversion factor for spirits was inadvertently changed to 0.414 for the year 1986 and subsequently used through 1993. Beginning with the surveillance report on 1977–94 apparent alcohol consumption (Williams et al. 1996), this surveillance report series has used the correct conversion factor for spirits, and has provided the correct per capita spirits and per capita total consumption figures for 1986 to 1994. Readers should refer to the data in the AEDS Data Reference Manual (DRM) on per capita alcohol consumption (Stinson et al. 1997) for State spirits and total ethanol consumption volume estimates prior to 1994. The DRM is available for downloading from NIAAA's Internet site.
- The introduction of “light” beer, “light” wines, and coolers (both wine and spirits) may have slightly lowered the average ethanol content in some alcoholic beverages. For example, Kling (1991, 1989) suggests that there were decreases in the ethanol content of spirits during the 1980s. However, such decreases may be offset by the increase in sales of drinks with higher ethanol content, such as premium brand liquors, fortified wines, malt liquors, and locally produced beers and ales (microbrews). “Ice” beers and “dry” beers, for example, both have higher ethanol content than either premium or

light beers (M. Shanken Communications, Inc. 1994). Therefore, any decrease in the average net ethanol content across all beverages has probably been minimal and not large enough to alter the trends in overall per capita consumption.

- Per capita consumption estimates in some States can be inflated by such factors as cross-border sales to buyers from neighboring States. Other factors that may influence per capita differences in consumption among States are age distributions of State populations, the extent of tourist and recreational trade, dry jurisdictions, types of off-premise outlets (e.g., grocery and convenience stores), general attitudes toward drinking, and the percentage of nondrinkers, or abstainers.
- In this report, AEDS uses the year 1977 as the base year for most of the comparative analyses. AEDS began collecting and calculating per capita consumption estimates from actual sales and/or tax receipt reports from individual States in 1977.
- Percentage change calculations in this document are based on the numbers presented in the tables, which are rounded to two decimal places.
- Finally, individuals familiar with survey reports and other scientific literature often are accustomed to the presentation of significance tests, or confidence intervals, on any data comparisons or trends. However, when the data are based on total actual sales and/or shipments, as is the case in the present report, there is no sampling. Thus, without sampling error, no confidence intervals or measures of statistical significance need be reported. Nonetheless, it is important to note that these data are still only estimates and may be subject to reporting error. Some other important cautions regarding the use of the per capita alcohol consumption estimates are noted in the latest Data Reference Manual (DRM) on per capita alcohol consumption (Stinson et al. 1997).

Figure 1. Total per capita ethanol consumption, United States, 1935–2000.



NATIONAL DATA

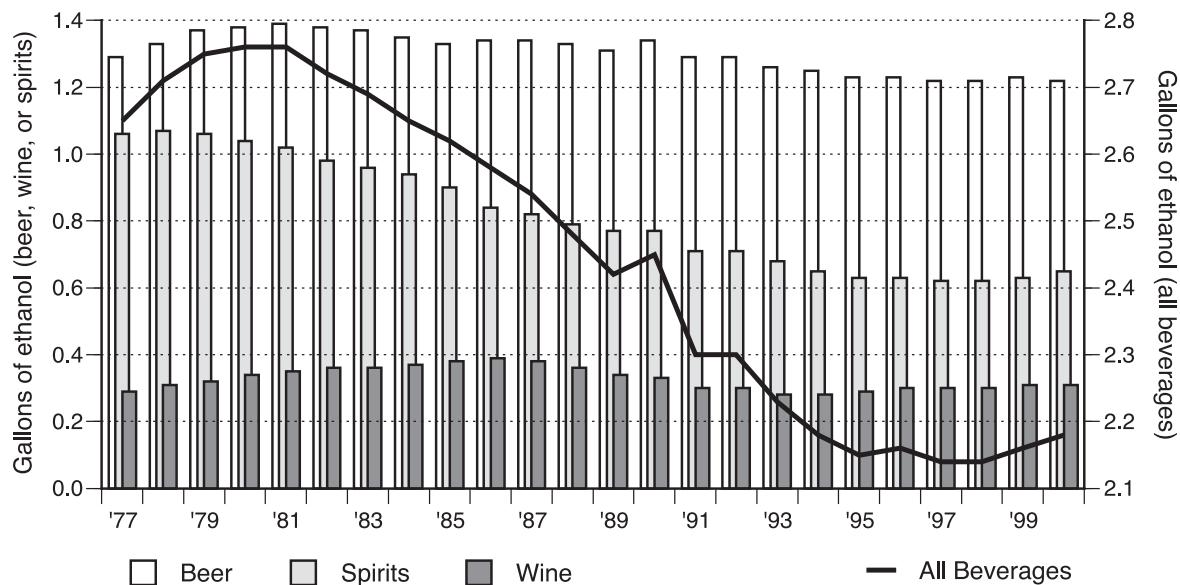
Background

Long-range trends on apparent per capita ethanol consumption by beverage type provide a historical perspective on national patterns of alcoholic beverage consumption. Excluding the years of Prohibition, table 1 in the Appendix presents per capita estimates of consumption for beer, wine, spirits, and all beverages combined for the years 1850 to 2000. Figure 1 presents an area graph of per capita ethanol consumption in the United States for all alcoholic beverages combined for the years 1935 through 2000. A population base of persons ages 15 and older was used in the per capita estimates through 1969, and different conversions to pure alcohol (ethanol) were used within the beverage types prior to 1977 (Doernberg and Stinson 1985).

Table 1 shows that per capita ethanol consumption between 1850 and 1900 varied somewhat but decreased by 1.9 percent between those years. Total per capita consumption of ethanol decreased by 18 percent from 1901 to

1919, indicating a decrease in alcohol consumption prior to Prohibition. However, after Prohibition, from 1934 to 1939, total per capita consumption of ethanol increased by 55.7 percent. As shown in figure 1, two distinct peaks in per capita consumption occurred during the 1940s—one in 1942 and one in 1946—resulting in an overall 26.9 percent increase in consumption. From 1950 through 1959, there were slight annual increases and decreases, with a very small increase of 1.0 percent in overall ethanol consumption. However, in the 1960s there was a fairly rapid increase in alcohol consumption (21.3 percent), followed by a moderate increase (9.1 percent) in the 1970s. During the 1980s per capita alcohol consumption decreased 12.3 percent—the only sustained decrease since Prohibition. Apparent per capita consumption of alcohol in 1990 increased by 1.2 percent from 1989, ending a decline that lasted through the 1980s. However, this 1990 increase was an anomaly caused by a late surge in sales in the last quarter of 1990, a result of the new Federal Excise Tax (FET) increases on alcoholic beverages in 1991 (Jobson Publishing Corporation 1992). In 1991 overall per capita

Figure 2. Per capita ethanol consumption by beverage type, United States, 1977–2000.



alcohol consumption dropped by 6.1 percent (from 2.45 to 2.30 gallons ethanol). Per capita consumption remained the same in 1992. Between 1992 and 1995 overall per capita consumption decreased continuously by an average of 2.2 percent each year (from 2.30 to 2.15 gallons ethanol). Overall per capita consumption increased by 0.5 percent in 1996, declined by 0.9 percent in 1997, and remained at 2.14 gallons of ethanol in 1998, the lowest level recorded since 1962. In 1999 and 2000, however, overall per capita consumption increased by 0.9 percent each year. Even with these increases, overall per capita consumption decreased by 11.0 percent from 1990 to 2000 (from 2.45 to 2.18 gallons ethanol).

Apparent Per Capita Alcohol Consumption, 1977–2000

Figure 2 presents separate per capita ethanol consumption estimates for beer, wine, and spirits for 1977 through 2000. Between 1999 and 2000, per capita consumption remained the same for wine (0.31 gallons ethanol), but increased for spirits (from 0.63 to 0.65 gallons ethanol), and decreased for beer (from 1.23 to 1.22 gallons ethanol). Despite the increase, per

capita consumption of spirits in 2000 remained near its lowest level since 1939 (see table 1).

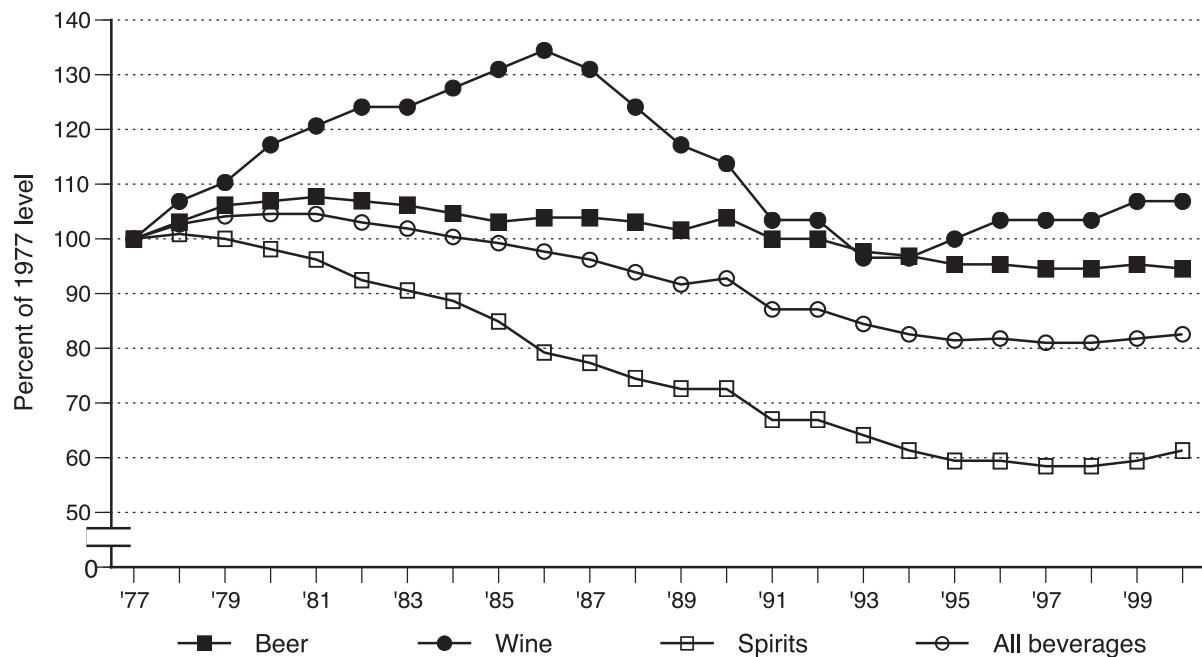
Percent Change in Per Capita Consumption, 1977–2000

Figure 3 (on the following page) shows the percent change in overall per capita consumption for each year and beverage type relative to its 1977 value. The raw data are presented in table 3. The percent change for all alcoholic beverages combined increased gradually from 1977 to 1981, declined until 1989, rose slightly in 1990, declined until 1995, and has remained near 1995 levels since then. Since 1977, overall per capita consumption of alcohol has decreased by 17.4 percent.

Per capita consumption of beer increased gradually from 1977 to 1981, decreased over the period between 1981 and 1997, and has remained near 1997 levels since then. Thus, per capita consumption of beer is 5.4 percent lower in 2000 than in 1977.

Per capita consumption of wine increased from 1977 to 1986, decreased back to below its 1977 level by 1993, and began slowly rising again in 1996. Per capita consumption of wine in 2000 is 6.9 percent higher than its 1977 level.

Figure 3. Percent change in per capita ethanol consumption, United States, 1977–2000.



Consumption of spirits increased marginally from 1977 to 1978, and then decreased or remained the same in each year through 1997. The first increases since 1978 happened in 1999 and 2000. Still, per capita consumption of spirits in 2000 is 38.7 percent lower than its 1977 level.

The 23-year decline in total per capita consumption (from 2.64 gallons ethanol in 1977 to 2.18 gallons ethanol in 2000) is a reflection of the substantial decline in per capita spirits consumption (from 1.06 gallons ethanol in 1977 to 0.65 gallons in 2000).

In 2000 beer represented 56.0 percent of the per capita consumption of ethanol from all alcoholic beverages combined, while wine and spirits represented 14.2 percent and 29.8 percent, respectively.

In 2000, beer ranked fourth behind soft drinks, coffee, and milk in per capita beverage consumption, while wine and distilled spirits ranked 9th and 10th, respectively, behind the above four beverages, bottled water, tea, juices, and powdered drinks (Adams Business Media 2002).

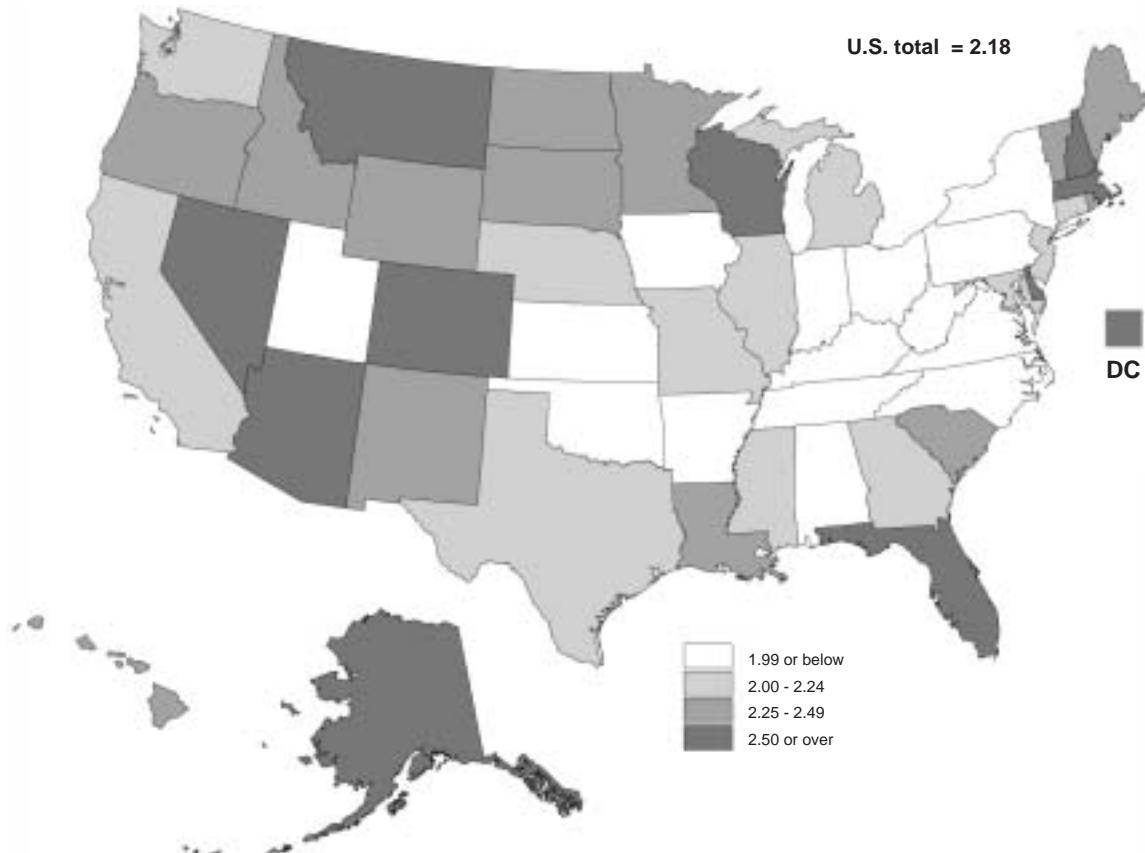
STATE DATA

Apparent Consumption for 2000

Table 2 presents the 2000 consumption data on total beverage volume; total ethanol volume; and per capita ethanol volume of beer, wine, spirits, and total beverages for each of the 50 States and the District of Columbia. The data also are aggregated by census regions and the United States as a whole.

Table 2 ranks the States and the District of Columbia into 10 groups (deciles) based on high-to-low distributions of total per capita consumption of ethanol. Placement in the first decile indicates the State ranks among the top 10 percent of States in total per capita consumption of ethanol, placement in the second decile indicates the top 20 percent, and so on. In 2000 the States in the highest decile on total per capita consumption (in gallons ethanol) were New Hampshire (4.00), Nevada (3.67), the District of Columbia (3.53), Delaware (2.89), and Wisconsin (2.76).

Figure 4. Total per capita consumption in gallons of ethanol by State, United States, 2000.



Between 1999 and 2000 per capita consumption of all alcoholic beverages combined in the top decile States increased in the District of Columbia and Wisconsin, but decreased in Delaware, Nevada, and New Hampshire. States in the lowest decile (and their total per capita consumption of ethanol) in 2000 were Arkansas (1.74), Kentucky (1.74), Oklahoma (1.69), West Virginia (1.64), and Utah (1.27). Between 1999 and 2000 only one of these States (Oklahoma) showed an increase in overall per capita ethanol consumption.

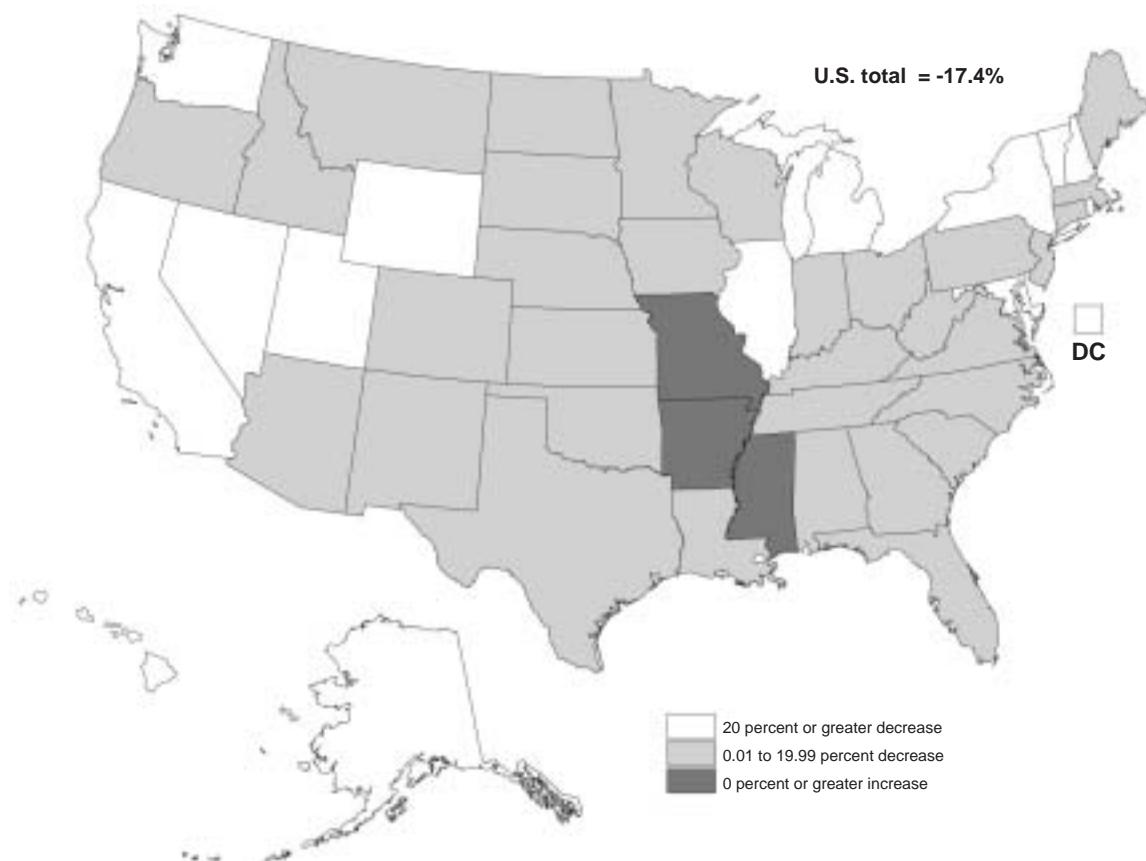
Figure 4 shows total per capita consumption of ethanol in 2000 for each State and the District of Columbia. Ten States (Alaska, Arizona, Colorado, Delaware, Florida, Massachusetts, Montana, Nevada, New Hampshire, and Wisconsin) and the District of Columbia had per capita consumption levels of 2.50 or more gallons ethanol (the highest category in figure 4). New Hampshire, Nevada, and the District of Columbia had per capita ethanol consumption

estimates of 3.00 gallons ethanol or higher. By comparison, in 1980 a total of 18 States and the District of Columbia had combined per capita ethanol consumption levels of 3.00 gallons ethanol or higher. Fourteen States (Alabama, Arkansas, Indiana, Iowa, Kansas, Kentucky, New York, North Carolina, Oklahoma, Pennsylvania, Tennessee, Utah, Virginia, and West Virginia) had combined per capita consumption levels at 1.99 gallons ethanol or below in 1999. In 1980 only eight States had per capita consumption levels at 1.99 gallons ethanol or below.

Trends in Apparent Consumption, 1977–2000

Table 3 presents State, census region¹, and national per capita consumption data by beverage type and for all alcoholic beverages combined from 1977 to 2000. These data allow analysis of per capita consumption changes over the years. Decile rankings for the States

Figure 5. Percent change in total per capita ethanol consumption by State, United States, 1977–2000.



have been computed for total per capita ethanol consumption only. Users of this report should interpret decile changes with considerable caution and with reference to the actual amounts of consumption per capita. Very small increases, decreases, or even no change in the per capita consumption values can result in changes in the decile rankings of the States for different years.

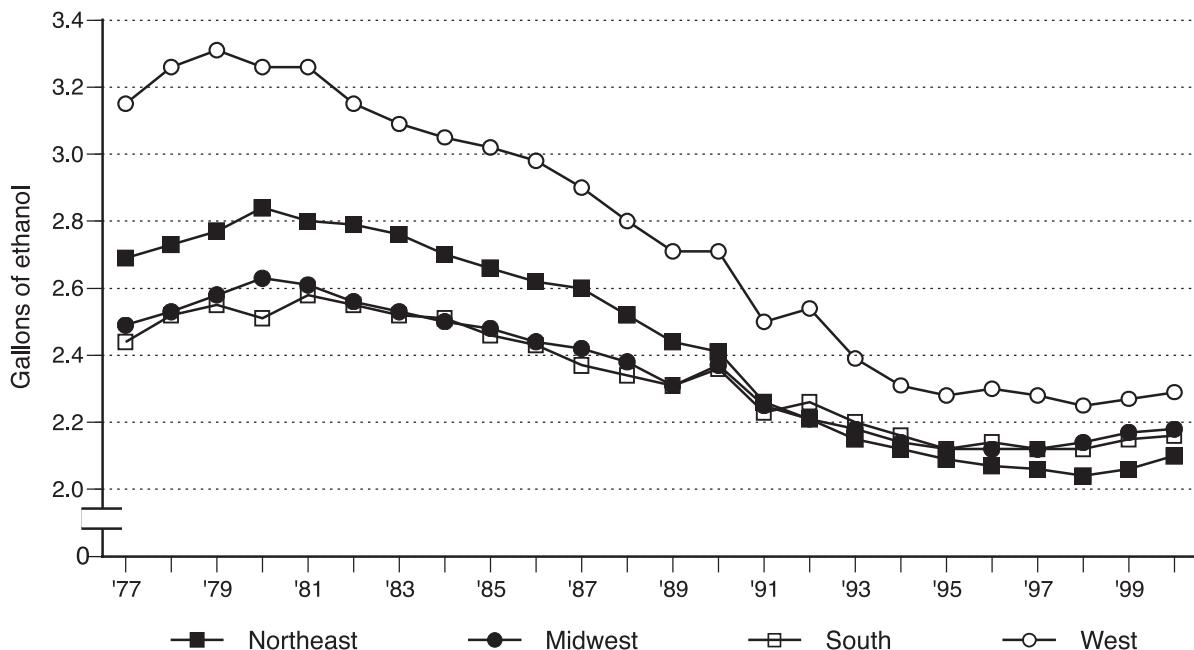
Between 1999 and 2000, total per capita consumption from all alcoholic beverages combined increased in 29 States and the District of Columbia and decreased or did not change in 21 States. For per capita beer consumption, 18 States had increases and 32 States and the District of Columbia decreased

or did not change. For wine consumption, 14 States had increases and 36 States and the District of Columbia decreased or did not change. For spirits consumption, 33 States and the District of Columbia had increases and 17 States decreased or did not change.

Figure 5 presents a map of percentage increases or decreases between 1977 and 2000 in overall per capita consumption among the individual States and the District of Columbia. Between 1977 and 2000, the United States experienced a 17.4 percent decrease in overall per capita ethanol consumption. Over the 24-year study period, two States (Arkansas and Mississippi) showed an increase in total per capita ethanol consumption, and one State

¹ The following are the census regions and the States they comprise: Northeast—Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont; Midwest—Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin; South—Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia; West—Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

Figure 6. Total per capita ethanol consumption by region, United States, 1977–2000.



(Missouri) had the same consumption level in both years. A total of 33 States had a decrease of under 20 percent, and 14 States and the District of Columbia had a decrease of 20 percent or greater.

REGIONAL DATA

Several AEDS analyses have been conducted over the years using U.S. Census Bureau regions as the unit of analysis. One advantage in using census regions is that the per capita consumption data can be compared with other U.S. Census Bureau data and with national surveys (e.g., drinking and food frequency surveys) grouped by region.

Regional Trends in Consumption for All Beverages, 1977–2000

Figure 6 presents regional trends in apparent per capita ethanol consumption for all alcoholic beverages combined over the years from 1977 to 2000. As shown in the figure, overall per capita consumption has consistently been highest in the West, with relatively small differences among the

Northeast, the Midwest, and the South since 1990. In the West, the decline in per capita consumption of all alcoholic beverages combined since 1981 was precipitous through 1989, continued to a 24-year low in 1998, but climbed in 1999 and 2000. Compared to the West, changes in per capita consumption in the Northeast, Midwest, and South over the years have been more gradual. Between 1999 and 2000 overall per capita consumption increases were found in all four regions: the South (0.5 percent), Midwest (0.5 percent), West (0.9 percent) and Northeast (1.9 percent).

Regional Trends in Consumption for Individual Beverage Types, 1977–2000

National trends in consumption of all alcoholic beverages combined sometimes can mask regional differences in the consumption of specific beverage types. Figure 7 (on the following page) presents apparent per capita beer consumption trends in each of the four census regions for 1977 to 2000. Until 1990, beer consumption tended to be highest in the West, followed by the Midwest, South, and

Figure 7. Per capita ethanol consumption from beer by region, United States, 1977–2000.

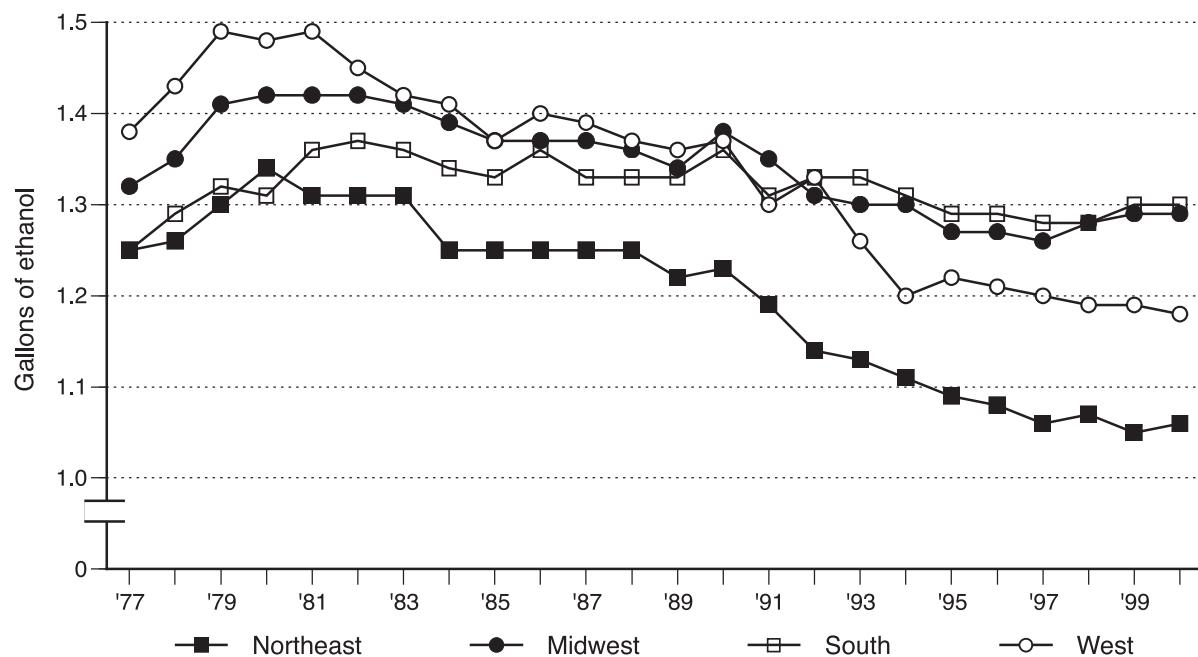
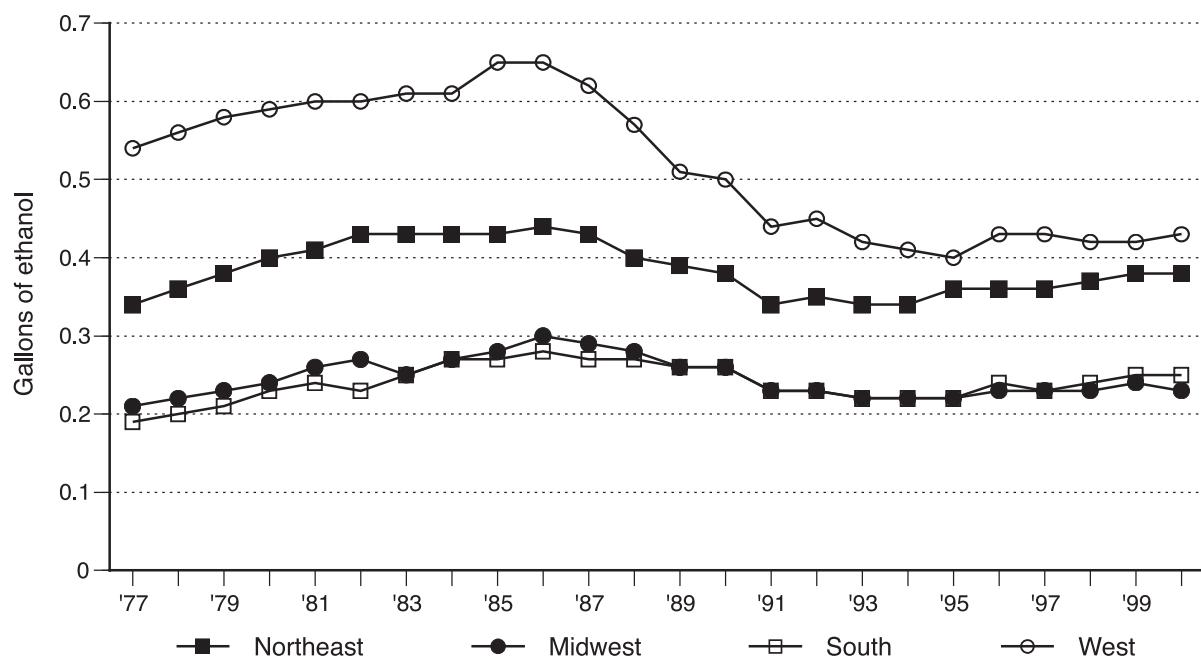


Figure 8. Per capita ethanol consumption from wine by region, United States, 1977–2000.



Northeast. Since 1990, the South and Midwest have shown higher per capita beer consumption. Between 1999 and 2000 per capita beer consumption increased in the Northeast, decreased in the West and remained unchanged in the Midwest and South.

As shown in figure 8, patterns of wine consumption since 1977 also differ among the regions. The West again shows the highest levels of per capita wine consumption, followed by the Northeast. Both California in the West and New York in the Northeast are notable wine production States. The Midwest and South tend to have the lowest levels of per capita wine consumption, with little difference between the two. Between 1999 and 2000 per capita wine consumption increased in the West, remained unchanged in the South and Northeast, and decreased in the Midwest.

The largest changes in per capita consumption generally have occurred in the consumption of spirits (see figure 9), both regionally and nationally. The regions have followed similar patterns of decline in spirits consumption since 1979; differences are primarily in the magnitude of the change. The tendency of the

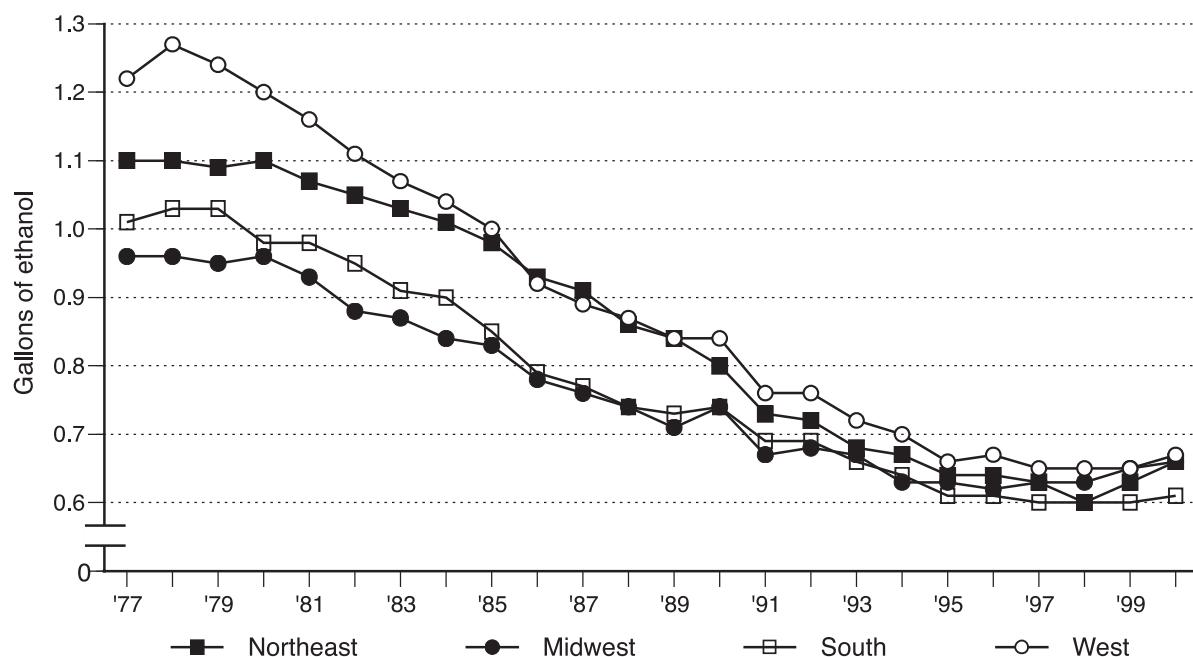
regions to become more similar in terms of per capita ethanol consumption from spirits over the years is notable. Between 1999 and 2000 per capita spirits consumption increased in all of the four regions.

DISCUSSION

United States per capita consumption of all alcoholic beverages combined in 2000 was 2.18 gallons ethanol, slightly higher than the 1998 figure of 2.14 gallons ethanol, the lowest since 1962. By census region between 1999 and 2000, overall per capita consumption of alcohol increased in all four census regions. The increases were 1.9 percent in the Northeast, 0.5 percent in the South, 0.5 percent in the Midwest, and 0.9 percent in the West.

The national increase in per capita alcohol consumption in 2000 was generally characteristic of individual States. In 2000, per capita consumption of all alcoholic beverages increased in 29 States and the District of Columbia. This pattern of increases was mainly due to spirits consumption increases: while beer consumption increased in 18 States

Figure 9. Per capita ethanol consumption from spirits by region, United States, 1977–2000.



and wine consumption increased in 14 States (and neither increased nationally), spirits consumption in 2000 increased in 33 States and the District of Columbia.

Industry analysts (M. Shanken Communications, 2001c) suggested that the terror attacks of September 11, 2001 might have a pronounced effect on alcohol and especially spirits consumption, offsetting anticipated tax cut effects and a growing drinking age population, and compounding the effect of a more sluggish economy. Overall beer, wine, and spirits per capita consumption are projected to remain nearly level, increase, and slightly increase respectively in the short term, suggesting that overall per capita ethanol consumption may remain steady or increase slightly (M. Shanken Communications 2001a, 2001b, 2001c). This would delay attainment of one of the national alcohol objectives in Healthy People 2010 (U.S. Department of Health and Human Services 2000); overall per capita alcohol consumption will have to decrease by 0.8 percent per year from 2000 to 2010 to meet the national alcohol consumption objective in Healthy People 2010 of 2 gallons ethanol per capita. Encouragingly, 23 States already meet this objective. However, there has been relatively little movement in consumption trends during the 1990s, so that further consumption reductions may be slow at best.

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Table 1. Apparent per capita ethanol consumption, United States, 1850–2000. [Gallons of ethanol, based on population age 15 and older prior to 1970 and on population age 14 and older thereafter]

Year	Beer	Wine	Spirits	All beverages
2000	1.22	0.31	0.65	2.18
1999	1.23	0.31	0.63	2.16
1998	1.22	0.30	0.62	2.14
1997	1.22	0.30	0.62	2.14
1996	1.23	0.30	0.63	2.16
1995	1.23	0.29	0.63	2.15
1994	1.25	0.28	0.65	2.18
1993	1.26	0.28	0.68	2.23
1992	1.29	0.30	0.71	2.30
1991	1.29	0.30	0.71	2.30
1990	1.34	0.33	0.77	2.45
1989	1.31	0.34	0.77	2.42
1988	1.33	0.36	0.79	2.48
1987	1.34	0.38	0.82	2.54
1986	1.34	0.39	0.84	2.58
1985	1.33	0.38	0.90	2.62
1984	1.35	0.37	0.94	2.65
1983	1.37	0.36	0.96	2.69
1982	1.38	0.36	0.98	2.72
1981	1.39	0.35	1.02	2.76
1980	1.38	0.34	1.04	2.76
1979	1.37	0.32	1.06	2.75
1978	1.33	0.31	1.07	2.71
1977	1.29	0.29	1.06	2.64
1976	1.27	0.32	1.10	2.69
1975	1.26	0.32	1.11	2.69
1974	1.25	0.31	1.11	2.67
1973	1.20	0.31	1.10	2.62
1972	1.17	0.30	1.09	2.56
1971	1.15	0.31	1.12	2.59
1970	1.14	0.27	1.11	2.52
1969	1.12	0.26	1.13	2.51
1968	1.09	0.26	1.10	2.45
1967	1.07	0.25	1.05	2.37
1966	1.06	0.24	1.02	2.32
1965	1.04	0.24	0.99	2.27
1964	1.04	0.24	0.95	2.23
1963	1.01	0.23	0.91	2.15
1962	0.99	0.22	0.90	2.11
1961	0.97	0.23	0.86	2.06
1960	0.99	0.22	0.86	2.07
1959	1.00	0.22	0.84	2.06
1958	0.96	0.22	0.80	1.98
1957	0.97	0.22	0.80	1.99
1956	1.00	0.22	0.81	2.03
1955	1.01	0.22	0.77	2.00
1954	1.01	0.21	0.74	1.96
1953	1.04	0.20	0.77	2.01
1952	1.04	0.21	0.73	1.98
1951	1.03	0.20	0.78	2.01
1950	1.04	0.23	0.77	2.04

Table 1. Apparent per capita ethanol consumption, United States, 1850–2000. [Gallons of ethanol, based on population age 15 and older prior to 1970 and on population age 14 and older thereafter] (Continued)

Year	Beer	Wine	Spirits	All beverages
1949	1.06	0.22	0.70	1.98
1948	1.07	0.20	0.70	1.97
1947	1.11	0.16	0.76	2.03
1946	1.07	0.24	0.99	2.30
1945	1.17	0.20	0.88	2.25
1944	1.13	0.18	0.76	2.07
1943	1.00	0.17	0.66	1.83
1942	0.90	0.22	0.85	1.97
1941	0.81	0.18	0.71	1.70
1940	0.73	0.16	0.67	1.56
1939	0.75	0.14	0.62	1.51
1938	0.75	0.13	0.59	1.47
1937	0.82	0.13	0.64	1.59
1936	0.79	0.12	0.59	1.50
1935	0.68	0.09	0.43	1.20
1934	0.61	0.07	0.29	0.97
(Prohibition)				
1916–1919	1.08	0.12	0.76	1.96
1911–1915	1.48	0.14	0.94	2.56
1906–1910	1.47	0.17	0.96	2.60
1901–1905	1.31	0.13	0.95	2.39
1896–1900	1.19	0.10	0.77	2.06
1891–1895	1.17	0.11	0.95	2.23
1881–1890	0.90	0.14	0.95	1.99
1871–1880	0.56	0.14	1.02	1.72
1870	0.44	0.10	1.53	2.07
1860	0.27	0.10	2.16	2.53
1850	0.14	0.08	1.88	2.10

Sources: Nephew, T.M.; Williams, G.D.; Stinson, F.S.; Nguyen, K.; and Dufour, M.C. *Surveillance Report #59: Apparent Per Capita Consumption: National, State, and Regional Trends, 1977–99*. Rockville, MD: National Institute on Alcohol Abuse and Alcoholism, Division of Biometry and Epidemiology, Alcohol Epidemiologic Data System, September 2002.

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Table 2. Apparent alcohol consumption for States, census regions, and the United States, 2000. [Volume and ethanol in thousands of gallons, per capita ethanol consumption in gallons, based on population age 14 and older]

State or other geographic area	Beer			Wine			Spirits			All beverages		
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita	U.S. decile
Alabama.....	94,530	4,254	1.19	4,934	636	0.18	4,485	1,843	0.51	6,734	1.88	9
Alaska.....	14,373	647	1.35	1,379	178	0.37	1,076	442	0.92	1,267	2.63	2
Arizona	134,336	6,045	1.48	9,869	1,273	0.31	7,055	2,900	0.71	10,218	2.50	3
Arkansas	52,053	2,342	1.09	1,993	257	0.12	2,796	1,149	0.53	3,749	1.74	10
California.....	637,080	28,669	1.07	99,930	12,891	0.48	41,327	16,985	0.64	58,545	2.19	6
Colorado	103,734	4,668	1.35	9,845	1,270	0.37	7,503	3,084	0.89	9,022	2.60	2
Connecticut.....	57,491	2,587	0.94	10,521	1,357	0.49	4,959	2,038	0.74	5,982	2.18	6
Delaware	19,156	862	1.36	2,382	307	0.48	1,622	667	1.05	1,836	2.89	1
Dist. of Columb.	14,428	649	1.35	2,597	335	0.70	1,724	709	1.48	1,693	3.53	1
Florida.....	388,796	17,496	1.32	41,383	5,338	0.40	26,422	10,860	0.82	33,694	2.55	2
Georgia.....	177,061	7,968	1.22	12,902	1,664	0.26	10,999	4,520	0.69	14,153	2.17	7
Hawaii.....	29,065	1,308	1.33	3,002	387	0.39	1,434	589	0.60	2,285	2.33	4
Idaho	26,257	1,182	1.16	5,142	663	0.65	1,253	515	0.51	2,360	2.32	4
Illinois	282,189	12,698	1.28	24,663	3,182	0.32	15,281	6,281	0.63	22,161	2.24	6
Indiana.....	125,490	5,647	1.16	7,738	998	0.21	7,261	2,984	0.61	9,629	1.98	8
Iowa	71,323	3,210	1.35	2,353	304	0.13	2,863	1,177	0.50	4,690	1.98	8
Kansas.....	54,832	2,467	1.15	2,516	325	0.15	2,692	1,106	0.52	3,898	1.82	9
Kentucky	78,055	3,512	1.07	3,460	446	0.14	4,278	1,758	0.54	5,717	1.74	10
Louisiana.....	117,937	5,307	1.50	6,159	794	0.22	6,043	2,484	0.70	8,585	2.43	3
Maine	27,370	1,232	1.17	3,179	410	0.39	1,861	765	0.73	2,406	2.29	5
Maryland	97,754	4,399	1.04	10,009	1,291	0.30	7,735	3,179	0.75	8,869	2.09	7
Massachusetts	133,990	6,030	1.16	20,635	2,662	0.51	11,031	4,534	0.87	13,225	2.55	2
Michigan.....	209,608	9,432	1.19	14,757	1,904	0.24	13,360	5,491	0.69	16,827	2.12	7
Minnesota.....	108,478	4,882	1.24	7,918	1,021	0.26	8,359	3,435	0.87	9,338	2.37	4
Mississippi	71,823	3,232	1.44	1,657	214	0.09	3,273	1,345	0.60	4,791	2.13	7
Missouri.....	135,246	6,086	1.35	8,144	1,051	0.23	7,302	3,001	0.67	10,138	2.25	5
Montana.....	25,257	1,137	1.55	1,671	216	0.29	1,213	499	0.68	1,851	2.53	2
Nebraska.....	43,943	1,977	1.44	1,791	231	0.17	2,061	847	0.62	3,055	2.23	6
Nevada	64,055	2,882	1.79	7,745	999	0.62	4,913	2,019	1.26	5,901	3.67	1
New Hampshire	39,001	1,755	1.75	4,373	564	0.56	4,107	1,688	1.69	4,007	4.00	1

Decile values (1 = highest) apply only to State-level data. Numbers may not add due to rounding.

Table 2. Apparent alcohol consumption for States, census regions, and the United States, 2000. [Volume and ethanol in thousands of gallons, per capita ethanol consumption in gallons, based on population age 14 and older] (Continued)

State or other geographic area	Beer			Wine			Spirits			All beverages			
	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Volume	Ethanol	Per capita	Ethanol	Per capita	U.S. decile	
18	New Jersey	144,883	6,520	0.96	24,472	3,157	0.47	12,681	5,212	0.77	14,888	2.19	6
	New Mexico	48,624	2,188	1.53	2,771	357	0.25	2,113	868	0.61	3,414	2.38	3
	New York.....	313,158	14,092	0.92	44,840	5,784	0.38	21,657	8,901	0.58	28,777	1.88	9
	North Carolina .	173,293	7,798	1.19	11,486	1,482	0.23	8,204	3,372	0.52	12,651	1.94	8
	North Dakota ...	17,018	766	1.47	591	76	0.15	1,003	412	0.79	1,254	2.40	3
	Ohio	263,287	11,848	1.30	13,693	1,766	0.19	11,091	4,558	0.50	18,173	1.99	8
	Oklahoma.....	69,346	3,121	1.13	2,672	345	0.12	2,998	1,232	0.44	4,698	1.69	10
	Oregon.....	74,313	3,344	1.20	9,409	1,214	0.44	4,309	1,771	0.64	6,329	2.28	5
	Pennsylvania...	270,006	12,150	1.21	16,553	2,135	0.21	11,576	4,758	0.47	19,043	1.90	9
	Rhode Island ...	21,988	989	1.15	3,033	391	0.46	1,461	600	0.70	1,981	2.31	5
	South Carolina	104,116	4,685	1.45	5,611	724	0.22	5,545	2,279	0.70	7,688	2.37	4
	South Dakota ..	19,349	871	1.44	680	88	0.15	996	409	0.68	1,368	2.27	5
	Tennessee.....	124,041	5,582	1.21	5,290	682	0.15	5,644	2,320	0.50	8,584	1.86	9
	Texas	556,051	25,022	1.53	27,653	3,567	0.22	19,897	8,178	0.50	36,767	2.25	6
	Utah	28,797	1,296	0.77	1,416	183	0.11	1,629	669	0.40	2,148	1.27	10
	Vermont	13,656	615	1.23	1,824	235	0.47	767	315	0.63	1,165	2.34	4
	Virginia.....	148,362	6,676	1.16	14,010	1,807	0.31	6,925	2,846	0.50	11,330	1.97	8
	Washington....	115,148	5,182	1.09	15,125	1,951	0.41	7,599	3,123	0.66	10,256	2.16	7
	West Virginia...	39,513	1,778	1.18	1,135	146	0.10	1,297	533	0.35	2,457	1.64	10
	Wisconsin.....	147,700	6,647	1.54	9,085	1,172	0.27	10,032	4,123	0.95	11,941	2.76	1
	Wyoming	12,595	567	1.42	547	71	0.18	837	344	0.86	981	2.46	3
<i>Regions</i>													
Northeast.....													
Midwest.....													
South.....													
West.....													
U.S. total													

Decile values (1 = highest) apply only to State-level data. Numbers may not add due to rounding.

Table 3. Per capita ethanol consumption for States, census regions, and the United States, 1977–2000. [Gallons of ethanol, based on population age 14 and older]

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
Alabama					
2000.....	1.19	0.18	0.51	1.88	9
1999.....	1.18	0.17	0.51	1.87	9
1998.....	1.16	0.17	0.51	1.85	9
1997.....	1.14	0.15	0.52	1.81	9
1996.....	1.17	0.15	0.53	1.86	9
1995.....	1.14	0.15	0.53	1.81	9
1994.....	1.16	0.17	0.54	1.87	9
1993.....	1.14	0.17	0.56	1.86	9
1992.....	1.02	0.19	0.59	1.79	10
1991.....	1.00	0.17	0.59	1.76	10
1990.....	1.12	0.18	0.61	1.92	9
1989.....	1.10	0.17	0.60	1.87	9
1988.....	1.10	0.18	0.61	1.89	9
1987.....	1.10	0.18	0.61	1.89	9
1986.....	1.09	0.18	0.64	1.90	9
1985.....	1.06	0.17	0.67	1.90	9
1984.....	1.02	0.19	0.69	1.90	10
1983.....	1.01	0.17	0.71	1.89	10
1982.....	1.00	0.18	0.72	1.89	10
1981.....	1.00	0.19	0.73	1.92	10
1980.....	0.96	0.16	0.74	1.86	10
1979.....	0.98	0.12	0.84	1.94	10
1978.....	0.98	0.12	0.88	1.97	9
1977.....	0.99	0.13	0.84	1.96	9
Alaska					
2000.....	1.35	0.37	0.92	2.63	2
1999.....	1.45	0.40	0.98	2.82	1
1998.....	1.37	0.39	0.98	2.74	1
1997.....	1.31	0.36	0.88	2.56	2
1996.....	1.31	0.38	0.94	2.63	2
1995.....	1.45	0.39	1.02	2.86	1
1994.....	1.53	0.40	1.10	3.03	1
1993.....	1.31	0.32	0.92	2.55	2
1992.....	1.53	0.41	1.08	3.02	1
1991.....	1.54	0.43	1.14	3.11	1
1990.....	1.62	0.46	1.25	3.33	1
1989.....	1.57	0.46	1.24	3.27	1
1988.....	1.60	0.49	1.23	3.32	1
1987.....	1.64	0.54	1.29	3.46	1
1986.....	1.68	0.56	1.27	3.51	1
1985.....	1.68	0.58	1.53	3.78	1
1984.....	1.73	0.58	1.56	3.86	1
1983.....	1.76	0.61	1.70	4.06	1
1982.....	1.75	0.56	1.74	4.05	1
1981.....	1.71	0.57	1.82	4.10	1
1980.....	1.55	0.50	1.70	3.76	1
1979.....	1.50	0.47	1.65	3.62	1
1978.....	1.39	0.45	1.68	3.52	2
1977.....	1.19	0.42	1.70	3.31	2
Arizona					
2000.....	1.48	0.31	0.71	2.50	3
1999.....	1.47	0.34	0.69	2.51	2
1998.....	1.44	0.32	0.68	2.44	2
1997.....	1.45	0.31	0.68	2.44	2
1996.....	1.52	0.33	0.73	2.58	2
1995.....	1.47	0.29	0.68	2.44	3
1994.....	1.52	0.29	0.70	2.50	2
1993.....	1.58	0.27	0.76	2.62	2
1992.....	1.58	0.31	0.80	2.69	2
1991.....	1.58	0.35	0.78	2.71	2
1990.....	1.59	0.37	0.80	2.77	3
1989.....	1.68	0.36	0.85	2.89	2
1988.....	1.64	0.42	0.88	2.94	2
1987.....	1.67	0.46	0.86	2.99	2
1986.....	1.77	0.46	0.91	3.14	2
1985.....	1.67	0.46	1.00	3.12	2
1984.....	1.57	0.45	1.06	3.08	3
1983.....	1.62	0.44	1.00	3.06	3
1982.....	1.74	0.40	0.99	3.13	3

Decile values (1 = highest) apply only to State-level data. Numbers may not sum due to rounding.

Table 3. Per capita ethanol consumption for States, census regions, and the United States, 1977–2000. [Gallons of ethanol, based on population age 14 and older] (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
1981	1.78	0.42	1.01	3.22	3
1980	1.69	0.36	0.98	3.03	4
1979	1.86	0.39	1.17	3.42	2
1978	1.77	0.37	1.10	3.25	2
1977	1.70	0.34	1.05	3.10	3
Arkansas					
2000	1.09	0.12	0.53	1.74	10
1999	1.09	0.12	0.54	1.75	10
1998	1.10	0.11	0.51	1.73	10
1997	1.08	0.12	0.52	1.71	10
1996	1.10	0.12	0.53	1.75	9
1995	1.08	0.12	0.51	1.70	10
1994	1.06	0.13	0.46	1.65	10
1993	1.10	0.11	0.58	1.79	9
1992	1.13	0.12	0.65	1.90	9
1991	1.12	0.11	0.58	1.81	9
1990	1.12	0.13	0.61	1.86	9
1989	1.08	0.13	0.57	1.78	9
1988	1.07	0.14	0.53	1.74	10
1987	1.08	0.11	0.53	1.71	10
1986	1.06	0.09	0.48	1.63	10
1985	1.03	0.13	0.58	1.75	10
1984	1.02	0.12	0.64	1.78	10
1983	1.03	0.13	0.63	1.78	10
1982	1.03	0.12	0.63	1.78	10
1981	1.06	0.12	0.68	1.87	10
1980	1.00	0.12	0.69	1.81	10
1979	0.93	0.10	0.57	1.60	10
1978	0.97	0.11	0.73	1.82	10
1977	0.92	0.10	0.63	1.65	10
California					
2000	1.07	0.48	0.64	2.19	6
1999	1.10	0.46	0.62	2.18	6
1998	1.10	0.45	0.61	2.17	6
1997	1.12	0.50	0.62	2.24	5
1996	1.11	0.49	0.64	2.24	5
1995	1.14	0.45	0.64	2.23	4
1994	1.09	0.47	0.68	2.24	5
1993	1.17	0.48	0.69	2.35	4
1992	1.28	0.51	0.75	2.54	3
1991	1.22	0.49	0.75	2.46	4
1990	1.32	0.59	0.87	2.78	2
1989	1.31	0.61	0.87	2.79	2
1988	1.34	0.68	0.89	2.90	2
1987	1.36	0.74	0.93	3.03	2
1986	1.36	0.79	0.96	3.11	2
1985	1.32	0.78	1.02	3.12	2
1984	1.38	0.74	1.07	3.19	2
1983	1.37	0.75	1.11	3.23	2
1982	1.37	0.72	1.14	3.23	3
1981	1.43	0.72	1.21	3.36	2
1980	1.42	0.71	1.25	3.38	2
1979	1.42	0.70	1.28	3.40	2
1978	1.36	0.68	1.32	3.36	2
1977	1.31	0.67	1.28	3.25	2
Colorado					
2000	1.35	0.37	0.89	2.60	2
1999	1.33	0.37	0.75	2.45	3
1998	1.33	0.37	0.83	2.53	2
1997	1.30	0.37	0.81	2.48	2
1996	1.36	0.37	0.84	2.57	2
1995	1.34	0.35	0.78	2.47	2
1994	1.36	0.35	0.84	2.55	2
1993	1.40	0.36	0.86	2.63	2
1992	1.34	0.36	0.81	2.52	3
1991	1.39	0.35	0.87	2.61	3
1990	1.35	0.29	0.75	2.39	6
1989	1.40	0.37	0.84	2.60	3
1988	1.42	0.39	0.91	2.72	3
1987	1.43	0.44	0.93	2.80	3

Decile values (1 = highest) apply only to State-level data. Numbers may not sum due to rounding.

Table 3. Per capita ethanol consumption for States, census regions, and the United States, 1977–2000. [Gallons of ethanol, based on population age 14 and older] (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
1986.....	1.47	0.46	0.94	2.87	3
1985.....	1.47	0.50	1.18	3.15	2
1984.....	1.51	0.46	1.12	3.09	2
1983.....	1.57	0.46	1.12	3.15	3
1982.....	1.64	0.46	1.18	3.28	2
1981.....	1.63	0.44	1.26	3.33	2
1980.....	1.57	0.47	1.31	3.35	2
1979.....	1.68	0.47	1.37	3.52	2
1978.....	1.64	0.47	1.43	3.54	1
1977.....	1.43	0.36	1.22	3.01	3
Connecticut					
2000.....	0.94	0.49	0.74	2.18	6
1999.....	0.94	0.49	0.75	2.18	6
1998.....	0.96	0.48	0.74	2.18	6
1997.....	0.95	0.48	0.74	2.17	6
1996.....	0.94	0.46	0.72	2.13	6
1995.....	0.97	0.49	0.77	2.22	5
1994.....	0.99	0.43	0.78	2.20	6
1993.....	0.96	0.44	0.80	2.20	6
1992.....	1.01	0.45	0.83	2.30	6
1991.....	1.03	0.43	0.84	2.29	6
1990.....	1.09	0.45	0.92	2.46	6
1989.....	1.09	0.47	0.98	2.54	4
1988.....	1.14	0.51	1.07	2.71	3
1987.....	1.15	0.52	1.12	2.79	3
1986.....	1.13	0.51	1.15	2.79	3
1985.....	1.14	0.50	1.20	2.84	3
1984.....	1.10	0.50	1.20	2.80	4
1983.....	1.10	0.49	1.23	2.82	4
1982.....	1.04	0.49	1.20	2.73	6
1981.....	1.05	0.44	1.18	2.67	6
1980.....	1.06	0.43	1.21	2.70	6
1979.....	1.13	0.40	1.20	2.72	5
1978.....	1.07	0.38	1.20	2.65	6
1977.....	1.05	0.35	1.21	2.61	6
Delaware					
2000.....	1.36	0.48	1.05	2.89	1
1999.....	1.40	0.48	1.03	2.90	1
1998.....	1.36	0.47	0.98	2.82	1
1997.....	1.37	0.46	0.99	2.81	1
1996.....	1.39	0.45	0.94	2.78	1
1995.....	1.30	0.40	0.92	2.62	2
1994.....	1.43	0.38	0.95	2.76	1
1993.....	1.46	0.35	0.95	2.76	1
1992.....	1.40	0.36	0.97	2.73	2
1991.....	1.40	0.35	0.95	2.70	2
1990.....	1.44	0.37	1.14	2.95	2
1989.....	1.40	0.38	1.13	2.91	2
1988.....	1.44	0.40	1.19	3.03	1
1987.....	1.44	0.42	1.22	3.08	2
1986.....	1.45	0.44	1.23	3.13	2
1985.....	1.46	0.41	1.30	3.16	2
1984.....	1.51	0.38	1.28	3.17	2
1983.....	1.53	0.35	1.34	3.22	2
1982.....	1.53	0.34	1.36	3.23	3
1981.....	1.51	0.32	1.39	3.23	3
1980.....	1.45	0.29	1.38	3.12	3
1979.....	1.38	0.27	1.34	2.99	4
1978.....	1.33	0.25	1.33	2.91	4
1977.....	1.32	0.24	1.35	2.91	4
District of Columbia					
2000.....	1.35	0.70	1.48	3.53	1
1999.....	1.37	0.73	1.35	3.45	1
1998.....	1.37	0.73	1.44	3.55	1
1997.....	1.40	0.74	1.61	3.75	1
1996.....	1.42	0.74	1.47	3.63	1
1995.....	1.51	0.72	1.52	3.74	1
1994.....	1.50	0.74	1.52	3.76	1
1993.....	1.51	0.73	1.54	3.78	1

Decile values (1 = highest) apply only to State-level data. Numbers may not sum due to rounding.

Table 3. Per capita ethanol consumption for States, census regions, and the United States, 1977–2000. [Gallons of ethanol, based on population age 14 and older] (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
1992.....	1.61	0.70	1.74	4.05	1
1991.....	1.42	0.61	1.85	3.89	1
1990.....	1.42	0.76	1.96	4.14	1
1989.....	1.49	0.88	1.85	4.22	1
1988.....	1.47	0.99	2.02	4.48	1
1987.....	1.48	1.00	2.37	4.85	1
1986.....	1.52	1.04	2.19	4.75	1
1985.....	1.49	1.03	2.42	4.94	1
1984.....	1.56	1.11	2.68	5.34	1
1983.....	1.55	1.08	2.79	5.41	1
1982.....	1.48	1.00	2.91	5.39	1
1981.....	1.50	1.06	2.92	5.49	1
1980.....	1.49	0.99	2.94	5.42	1
1979.....	1.48	0.99	3.03	5.49	1
1978.....	1.43	0.94	3.14	5.51	1
1977.....	1.39	0.89	3.26	5.53	1
Florida					
2000.....	1.32	0.40	0.82	2.55	2
1999.....	1.33	0.40	0.80	2.53	2
1998.....	1.30	0.38	0.79	2.47	2
1997.....	1.34	0.37	0.80	2.51	2
1996.....	1.36	0.37	0.81	2.54	2
1995.....	1.34	0.35	0.82	2.50	2
1994.....	1.40	0.33	0.87	2.60	2
1993.....	1.44	0.33	0.92	2.68	2
1992.....	1.45	0.34	0.96	2.75	1
1991.....	1.43	0.34	0.92	2.69	2
1990.....	1.54	0.39	1.04	2.96	2
1989.....	1.51	0.39	1.00	2.90	2
1988.....	1.51	0.41	1.00	2.92	2
1987.....	1.51	0.42	1.03	2.95	2
1986.....	1.50	0.41	1.05	2.96	2
1985.....	1.47	0.41	1.16	3.04	3
1984.....	1.48	0.40	1.24	3.12	2
1983.....	1.56	0.40	1.23	3.19	2
1982.....	1.56	0.40	1.33	3.29	2
1981.....	1.55	0.39	1.38	3.31	3
1980.....	1.42	0.37	1.43	3.22	3
1979.....	1.47	0.37	1.51	3.34	2
1978.....	1.41	0.34	1.48	3.23	3
1977.....	1.33	0.33	1.47	3.13	2
Georgia					
2000.....	1.22	0.26	0.69	2.17	7
1999.....	1.23	0.27	0.69	2.20	6
1998.....	1.21	0.24	0.70	2.14	7
1997.....	1.19	0.25	0.70	2.14	6
1996.....	1.22	0.24	0.70	2.16	6
1995.....	1.20	0.22	0.71	2.13	6
1994.....	1.17	0.20	0.77	2.14	7
1993.....	1.23	0.20	0.77	2.20	6
1992.....	1.22	0.21	0.79	2.23	7
1991.....	1.16	0.22	0.78	2.17	7
1990.....	1.22	0.23	0.86	2.31	7
1989.....	1.18	0.24	0.94	2.37	6
1988.....	1.22	0.26	0.92	2.40	6
1987.....	1.22	0.27	1.00	2.49	6
1986.....	1.22	0.27	0.95	2.43	6
1985.....	1.17	0.25	1.01	2.43	7
1984.....	1.18	0.23	1.06	2.48	7
1983.....	1.14	0.22	1.05	2.42	7
1982.....	1.12	0.21	1.04	2.37	8
1981.....	1.10	0.18	1.09	2.38	8
1980.....	1.07	0.19	1.09	2.35	8
1979.....	1.17	0.19	1.22	2.58	7
1978.....	1.14	0.19	1.26	2.59	7
1977.....	1.08	0.16	1.23	2.47	7
Hawaii					
2000.....	1.33	0.39	0.60	2.33	4
1999.....	1.31	0.39	0.56	2.26	5
1998.....	1.32	0.37	0.54	2.22	5

Decile values (1 = highest) apply only to State-level data. Numbers may not sum due to rounding.

Table 3. Per capita ethanol consumption for States, census regions, and the United States, 1977–2000. [Gallons of ethanol, based on population age 14 and older] (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
1997.....	1.37	0.37	0.56	2.30	4
1996.....	1.40	0.36	0.58	2.34	4
1995.....	1.41	0.34	0.57	2.32	4
1994.....	1.46	0.38	0.62	2.47	3
1993.....	1.49	0.37	0.65	2.51	3
1992.....	1.55	0.39	0.69	2.63	2
1991.....	1.57	0.40	0.70	2.67	2
1990.....	1.64	0.40	0.79	2.84	2
1989.....	1.54	0.43	0.79	2.76	3
1988.....	1.62	0.45	0.79	2.86	3
1987.....	1.57	0.40	0.76	2.73	4
1986.....	1.60	0.44	0.85	2.88	3
1985.....	1.59	0.41	0.88	2.88	3
1984.....	1.65	0.41	0.91	2.97	3
1983.....	1.87	0.44	1.12	3.43	1
1982.....	1.80	0.48	1.14	3.42	1
1981.....	1.74	0.44	1.16	3.34	2
1980.....	1.65	0.46	1.21	3.31	2
1979.....	1.60	0.44	1.28	3.32	3
1978.....	1.38	0.46	1.30	3.15	3
1977.....	1.61	0.36	1.26	3.23	2
Idaho					
2000.....	1.16	0.65	0.51	2.32	4
1999.....	1.17	0.68	0.52	2.36	4
1998.....	1.15	0.59	0.51	2.25	4
1997.....	1.14	0.36	0.50	2.00	7
1996.....	1.18	0.30	0.51	1.98	7
1995.....	1.15	0.30	0.53	1.98	7
1994.....	1.24	0.35	0.53	2.12	7
1993.....	1.26	0.29	0.55	2.11	7
1992.....	1.32	0.31	0.57	2.20	7
1991.....	1.31	0.32	0.56	2.19	7
1990.....	1.36	0.33	0.58	2.27	7
1989.....	1.23	0.30	0.56	2.09	8
1988.....	1.25	0.36	0.58	2.18	7
1987.....	1.31	0.38	0.58	2.26	7
1986.....	1.34	0.38	0.61	2.33	7
1985.....	1.35	0.36	0.71	2.42	7
1984.....	1.40	0.31	0.72	2.43	7
1983.....	1.44	0.30	0.76	2.51	7
1982.....	1.47	0.31	0.81	2.58	7
1981.....	1.54	0.33	0.83	2.70	6
1980.....	1.53	0.30	0.77	2.60	7
1979.....	1.55	0.27	0.84	2.65	6
1978.....	1.50	0.26	0.80	2.56	7
1977.....	1.50	0.22	0.79	2.52	7
Illinois					
2000.....	1.28	0.32	0.63	2.24	6
1999.....	1.29	0.33	0.66	2.27	5
1998.....	1.28	0.34	0.64	2.25	4
1997.....	1.26	0.35	0.65	2.26	5
1996.....	1.27	0.35	0.68	2.30	4
1995.....	1.30	0.33	0.66	2.29	4
1994.....	1.32	0.34	0.69	2.35	4
1993.....	1.32	0.34	0.72	2.38	4
1992.....	1.34	0.35	0.74	2.43	4
1991.....	1.38	0.34	0.76	2.48	4
1990.....	1.43	0.36	0.82	2.62	4
1989.....	1.38	0.35	0.82	2.56	4
1988.....	1.42	0.37	0.85	2.64	4
1987.....	1.41	0.39	0.87	2.66	4
1986.....	1.40	0.39	0.90	2.68	4
1985.....	1.38	0.37	0.98	2.72	5
1984.....	1.40	0.37	1.01	2.77	5
1983.....	1.42	0.35	1.03	2.80	5
1982.....	1.41	0.35	1.06	2.83	5
1981.....	1.43	0.35	1.12	2.91	5
1980.....	1.43	0.33	1.24	3.00	4
1979.....	1.45	0.33	1.17	2.94	4
1978.....	1.38	0.31	1.19	2.88	4

Decile values (1 = highest) apply only to State-level data. Numbers may not sum due to rounding.

Table 3. Per capita ethanol consumption for States, census regions, and the United States, 1977–2000. [Gallons of ethanol, based on population age 14 and older] (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
1977	1.35	0.30	1.22	2.87	4
Indiana					
2000	1.16	0.21	0.61	1.98	8
1999	1.16	0.19	0.59	1.94	8
1998	1.14	0.19	0.58	1.91	8
1997	1.12	0.19	0.59	1.90	8
1996	1.13	0.19	0.57	1.89	8
1995	1.12	0.21	0.58	1.91	8
1994	1.15	0.20	0.59	1.94	8
1993	1.15	0.19	0.64	1.98	8
1992	1.16	0.20	0.58	1.95	9
1991	1.22	0.19	0.60	2.00	9
1990	1.26	0.20	0.63	2.09	8
1989	1.21	0.19	0.63	2.04	8
1988	1.23	0.21	0.66	2.10	8
1987	1.24	0.22	0.67	2.13	8
1986	1.25	0.23	0.67	2.14	8
1985	1.25	0.22	0.72	2.19	8
1984	1.26	0.21	0.72	2.19	8
1983	1.27	0.19	0.73	2.19	8
1982	1.29	0.18	0.76	2.23	8
1981	1.29	0.18	0.78	2.25	8
1980	1.26	0.17	0.77	2.21	8
1979	1.23	0.15	0.79	2.18	9
1978	1.19	0.16	0.79	2.14	8
1977	1.14	0.14	0.77	2.05	9
Iowa					
2000	1.35	0.13	0.50	1.98	8
1999	1.34	0.13	0.48	1.95	8
1998	1.31	0.12	0.46	1.90	8
1997	1.28	0.12	0.45	1.85	9
1996	1.28	0.12	0.45	1.85	9
1995	1.26	0.11	0.44	1.80	9
1994	1.30	0.10	0.44	1.84	9
1993	1.28	0.11	0.48	1.87	9
1992	1.31	0.13	0.46	1.90	9
1991	1.32	0.16	0.52	2.01	8
1990	1.34	0.18	0.54	2.06	9
1989	1.26	0.18	0.50	1.94	9
1988	1.28	0.20	0.52	1.99	9
1987	1.30	0.21	0.57	2.08	9
1986	1.32	0.19	0.53	2.04	9
1985	1.31	0.14	0.57	2.02	9
1984	1.36	0.12	0.61	2.09	9
1983	1.38	0.13	0.64	2.15	8
1982	1.39	0.13	0.65	2.17	9
1981	1.44	0.13	0.69	2.27	8
1980	1.41	0.13	0.71	2.25	8
1979	1.40	0.11	0.71	2.22	8
1978	1.38	0.11	0.74	2.22	8
1977	1.33	0.10	0.74	2.17	8
Kansas					
2000	1.15	0.15	0.52	1.82	9
1999	1.14	0.16	0.54	1.84	9
1998	1.09	0.15	0.54	1.79	9
1997	1.09	0.14	0.48	1.71	10
1996	1.05	0.14	0.49	1.69	10
1995	1.08	0.15	0.50	1.72	9
1994	1.12	0.13	0.48	1.73	10
1993	1.09	0.14	0.52	1.75	10
1992	1.09	0.14	0.55	1.78	10
1991	1.15	0.14	0.57	1.85	9
1990	1.13	0.13	0.53	1.79	10
1989	1.10	0.13	0.54	1.77	10
1988	1.11	0.21	0.56	1.88	9
1987	1.12	0.16	0.56	1.84	9
1986	1.12	0.17	0.59	1.88	9
1985	1.17	0.15	0.64	1.96	9
1984	1.18	0.14	0.63	1.95	9

Decile values (1 = highest) apply only to State-level data. Numbers may not sum due to rounding.

Table 3. Per capita ethanol consumption for States, census regions, and the United States, 1977–2000. [Gallons of ethanol, based on population age 14 and older] (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
1983.....	1.20	0.13	0.64	1.96	9
1982.....	1.22	0.13	0.67	2.02	9
1981.....	1.23	0.12	0.70	2.05	9
1980.....	1.23	0.11	0.62	1.96	9
1979.....	1.17	0.11	0.73	2.01	9
1978.....	1.14	0.12	0.64	1.89	10
1977.....	1.13	0.10	0.65	1.88	10
Kentucky					
2000.....	1.07	0.14	0.54	1.74	10
1999.....	1.07	0.13	0.54	1.74	10
1998.....	1.07	0.13	0.53	1.72	10
1997.....	1.06	0.13	0.53	1.72	9
1996.....	1.05	0.13	0.54	1.72	10
1995.....	1.05	0.12	0.54	1.71	10
1994.....	1.08	0.11	0.55	1.73	10
1993.....	1.08	0.10	0.55	1.73	10
1992.....	1.04	0.11	0.56	1.71	10
1991.....	1.11	0.11	0.56	1.78	10
1990.....	1.12	0.11	0.60	1.83	10
1989.....	1.08	0.12	0.56	1.76	10
1988.....	1.08	0.12	0.59	1.79	10
1987.....	1.03	0.14	0.59	1.76	10
1986.....	1.09	0.13	0.62	1.84	10
1985.....	1.07	0.13	0.66	1.86	10
1984.....	1.05	0.12	0.68	1.85	10
1983.....	1.13	0.12	0.69	1.94	9
1982.....	1.14	0.12	0.73	1.99	9
1981.....	1.13	0.11	0.75	1.99	9
1980.....	1.08	0.10	0.74	1.91	10
1979.....	1.10	0.09	0.77	1.97	10
1978.....	1.07	0.09	0.77	1.93	10
1977.....	1.19	0.09	0.75	2.03	9
Louisiana					
2000.....	1.50	0.22	0.70	2.43	3
1999.....	1.54	0.24	0.69	2.46	2
1998.....	1.50	0.23	0.70	2.43	3
1997.....	1.50	0.23	0.71	2.44	2
1996.....	1.50	0.22	0.72	2.44	2
1995.....	1.55	0.21	0.73	2.50	2
1994.....	1.45	0.21	0.73	2.39	3
1993.....	1.53	0.21	0.72	2.47	3
1992.....	1.55	0.22	0.74	2.51	3
1991.....	1.52	0.21	0.73	2.46	4
1990.....	1.53	0.23	0.78	2.54	5
1989.....	1.43	0.23	0.72	2.38	6
1988.....	1.44	0.24	0.69	2.37	7
1987.....	1.36	0.24	0.75	2.34	7
1986.....	1.39	0.26	0.78	2.42	7
1985.....	1.35	0.27	0.86	2.49	6
1984.....	1.40	0.29	0.94	2.63	6
1983.....	1.43	0.30	1.02	2.75	5
1982.....	1.49	0.30	1.00	2.78	5
1981.....	1.48	0.27	1.02	2.77	6
1980.....	1.41	0.27	1.04	2.71	6
1979.....	1.36	0.26	1.08	2.70	6
1978.....	1.35	0.25	1.07	2.67	6
1977.....	1.30	0.25	1.03	2.57	6
Maine					
2000.....	1.17	0.39	0.73	2.29	5
1999.....	1.16	0.37	0.73	2.26	5
1998.....	1.14	0.34	0.68	2.16	6
1997.....	1.15	0.33	0.71	2.19	5
1996.....	1.17	0.33	0.71	2.22	5
1995.....	1.17	0.29	0.72	2.19	6
1994.....	1.13	0.27	0.77	2.17	6
1993.....	1.15	0.29	0.79	2.22	6
1992.....	1.16	0.29	0.78	2.23	6
1991.....	1.18	0.30	0.77	2.25	6
1990.....	1.21	0.31	0.82	2.34	6
1989.....	1.25	0.34	0.85	2.44	5

Decile values (1 = highest) apply only to State-level data. Numbers may not sum due to rounding.

Table 3. Per capita ethanol consumption for States, census regions, and the United States, 1977–2000. [Gallons of ethanol, based on population age 14 and older] (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
1988.....	1.28	0.36	0.91	2.54	5
1987.....	1.26	0.38	0.91	2.55	5
1986.....	1.28	0.36	0.91	2.56	5
1985.....	1.29	0.33	0.94	2.56	6
1984.....	1.25	0.31	1.01	2.57	6
1983.....	1.32	0.29	1.03	2.63	6
1982.....	1.30	0.30	1.02	2.63	6
1981.....	1.24	0.28	1.05	2.57	7
1980.....	1.32	0.29	1.06	2.67	6
1979.....	1.30	0.27	1.08	2.65	6
1978.....	1.31	0.27	1.05	2.62	6
1977.....	1.37	0.23	1.04	2.64	6
Maryland					
2000.....	1.04	0.30	0.75	2.09	7
1999.....	1.04	0.30	0.74	2.08	7
1998.....	1.05	0.30	0.73	2.08	7
1997.....	1.05	0.29	0.73	2.07	7
1996.....	1.05	0.29	0.74	2.08	7
1995.....	1.06	0.28	0.74	2.09	7
1994.....	1.09	0.28	0.78	2.15	6
1993.....	1.10	0.28	0.80	2.19	7
1992.....	1.11	0.29	0.86	2.26	6
1991.....	1.15	0.30	0.89	2.33	6
1990.....	1.22	0.33	0.96	2.51	5
1989.....	1.22	0.34	0.98	2.54	4
1988.....	1.26	0.36	1.01	2.62	4
1987.....	1.29	0.38	1.07	2.74	3
1986.....	1.29	0.39	1.08	2.75	4
1985.....	1.31	0.36	1.14	2.81	4
1984.....	1.31	0.36	1.17	2.84	4
1983.....	1.34	0.35	1.20	2.89	4
1982.....	1.27	0.32	1.17	2.77	5
1981.....	1.39	0.34	1.33	3.06	4
1980.....	1.42	0.33	1.35	3.09	4
1979.....	1.43	0.31	1.39	3.14	3
1978.....	1.41	0.31	1.38	3.09	3
1977.....	1.37	0.30	1.39	3.05	3
Massachusetts					
2000.....	1.16	0.51	0.87	2.55	2
1999.....	1.09	0.51	0.79	2.39	3
1998.....	1.14	0.50	0.75	2.39	3
1997.....	1.13	0.49	0.76	2.39	3
1996.....	1.11	0.48	0.77	2.35	3
1995.....	1.13	0.44	0.78	2.35	3
1994.....	1.14	0.44	0.80	2.38	3
1993.....	1.14	0.44	0.80	2.38	4
1992.....	1.12	0.44	0.82	2.38	5
1991.....	1.19	0.43	0.87	2.49	3
1990.....	1.22	0.45	0.97	2.63	3
1989.....	1.26	0.47	1.02	2.75	3
1988.....	1.29	0.50	1.07	2.86	3
1987.....	1.29	0.51	1.12	2.93	3
1986.....	1.31	0.53	1.12	2.96	3
1985.....	1.30	0.51	1.21	3.01	3
1984.....	1.30	0.51	1.24	3.04	3
1983.....	1.36	0.50	1.21	3.07	3
1982.....	1.35	0.49	1.22	3.07	3
1981.....	1.44	0.49	1.24	3.17	3
1980.....	1.47	0.45	1.27	3.19	3
1979.....	1.39	0.42	1.23	3.04	4
1978.....	1.37	0.40	1.25	3.02	4
1977.....	1.34	0.37	1.24	2.95	3
Michigan					
2000.....	1.19	0.24	0.69	2.12	7
1999.....	1.19	0.24	0.68	2.11	7
1998.....	1.20	0.22	0.69	2.12	7
1997.....	1.17	0.22	0.66	2.06	7
1996.....	1.20	0.22	0.67	2.08	7
1995.....	1.20	0.19	0.66	2.06	7
1994.....	1.23	0.20	0.67	2.10	7

Decile values (1 = highest) apply only to State-level data. Numbers may not sum due to rounding.

Table 3. Per capita ethanol consumption for States, census regions, and the United States, 1977–2000. [Gallons of ethanol, based on population age 14 and older] (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
1993.....	1.25	0.20	0.72	2.18	7
1992.....	1.26	0.22	0.74	2.21	7
1991.....	1.30	0.22	0.74	2.26	6
1990.....	1.33	0.28	0.80	2.42	6
1989.....	1.29	0.30	0.80	2.38	6
1988.....	1.31	0.32	0.84	2.47	6
1987.....	1.32	0.33	0.85	2.50	6
1986.....	1.33	0.33	0.90	2.56	5
1985.....	1.30	0.32	0.95	2.58	6
1984.....	1.32	0.31	0.97	2.60	6
1983.....	1.35	0.28	0.97	2.60	6
1982.....	1.35	0.39	0.98	2.72	6
1981.....	1.34	0.29	1.00	2.63	6
1980.....	1.34	0.28	1.03	2.65	6
1979.....	1.37	0.25	1.03	2.65	6
1978.....	1.43	0.25	1.05	2.74	5
1977.....	1.45	0.24	1.02	2.71	5
Minnesota					
2000.....	1.24	0.26	0.87	2.37	4
1999.....	1.23	0.27	0.86	2.36	4
1998.....	1.16	0.27	0.84	2.27	4
1997.....	1.23	0.27	0.83	2.33	3
1996.....	1.25	0.26	0.83	2.34	4
1995.....	1.24	0.26	0.83	2.32	3
1994.....	1.27	0.25	0.83	2.35	4
1993.....	1.24	0.24	0.84	2.33	5
1992.....	1.25	0.25	0.85	2.35	5
1991.....	1.30	0.24	0.81	2.35	5
1990.....	1.32	0.27	0.96	2.55	4
1989.....	1.28	0.27	0.88	2.43	5
1988.....	1.30	0.30	0.89	2.49	5
1987.....	1.31	0.32	0.94	2.56	5
1986.....	1.30	0.33	0.92	2.56	6
1985.....	1.31	0.31	1.06	2.68	5
1984.....	1.34	0.28	1.07	2.68	5
1983.....	1.37	0.27	1.10	2.74	6
1982.....	1.36	0.27	1.11	2.75	6
1981.....	1.39	0.27	1.18	2.83	5
1980.....	1.40	0.26	1.20	2.85	5
1979.....	1.35	0.24	1.16	2.75	5
1978.....	1.31	0.23	1.15	2.69	5
1977.....	1.30	0.20	1.15	2.65	5
Mississippi					
2000.....	1.44	0.09	0.60	2.13	7
1999.....	1.45	0.10	0.61	2.15	7
1998.....	1.40	0.09	0.59	2.08	7
1997.....	1.37	0.09	0.61	2.07	7
1996.....	1.37	0.09	0.62	2.08	7
1995.....	1.36	0.09	0.61	2.06	7
1994.....	1.28	0.08	0.63	2.00	7
1993.....	1.37	0.10	0.63	2.11	7
1992.....	1.35	0.09	0.63	2.08	8
1991.....	1.32	0.09	0.64	2.05	8
1990.....	1.34	0.09	0.65	2.08	8
1989.....	1.26	0.09	0.65	2.00	9
1988.....	1.28	0.09	0.66	2.03	9
1987.....	1.26	0.09	0.66	2.01	9
1986.....	1.26	0.10	0.68	2.04	9
1985.....	1.21	0.10	0.73	2.04	9
1984.....	1.19	0.11	0.77	2.06	9
1983.....	1.19	0.11	0.79	2.09	9
1982.....	1.19	0.11	0.82	2.11	9
1981.....	1.19	0.11	0.84	2.14	9
1980.....	1.13	0.10	0.86	2.09	9
1979.....	1.15	0.10	0.84	2.09	9
1978.....	1.16	0.10	0.91	2.18	8
1977.....	1.08	0.11	0.86	2.05	8
Missouri					
2000.....	1.35	0.23	0.67	2.25	5

Decile values (1 = highest) apply only to State-level data. Numbers may not sum due to rounding.

Table 3. Per capita ethanol consumption for States, census regions, and the United States, 1977–2000. [Gallons of ethanol, based on population age 14 and older] (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
1999.....	1.35	0.23	0.66	2.23	6
1998.....	1.33	0.23	0.63	2.18	6
1997.....	1.30	0.22	0.63	2.15	6
1996.....	1.31	0.22	0.57	2.09	7
1995.....	1.31	0.20	0.62	2.14	6
1994.....	1.36	0.19	0.66	2.21	6
1993.....	1.33	0.20	0.67	2.20	6
1992.....	1.34	0.21	0.69	2.24	6
1991.....	1.35	0.22	0.64	2.20	7
1990.....	1.37	0.22	0.70	2.30	7
1989.....	1.33	0.22	0.69	2.24	7
1988.....	1.33	0.25	0.69	2.28	7
1987.....	1.36	0.27	0.72	2.35	7
1986.....	1.36	0.28	0.72	2.36	7
1985.....	1.33	0.26	0.76	2.36	7
1984.....	1.34	0.25	0.68	2.27	8
1983.....	1.37	0.22	0.78	2.37	8
1982.....	1.38	0.21	0.79	2.38	7
1981.....	1.40	0.21	0.83	2.45	7
1980.....	1.39	0.20	0.84	2.44	7
1979.....	1.37	0.20	0.86	2.43	7
1978.....	1.31	0.20	0.89	2.40	7
1977.....	1.23	0.19	0.83	2.25	8
Montana					
2000.....	1.55	0.29	0.68	2.53	2
1999.....	1.56	0.29	0.67	2.52	2
1998.....	1.51	0.28	0.65	2.44	2
1997.....	1.49	0.29	0.63	2.42	3
1996.....	1.49	0.27	0.64	2.40	3
1995.....	1.49	0.26	0.78	2.54	2
1994.....	1.57	0.24	0.70	2.51	2
1993.....	1.49	0.25	0.73	2.47	3
1992.....	1.59	0.26	0.75	2.61	2
1991.....	1.61	0.28	0.76	2.64	3
1990.....	1.60	0.29	0.77	2.67	3
1989.....	1.56	0.29	0.72	2.57	4
1988.....	1.59	0.32	0.76	2.66	4
1987.....	1.57	0.33	0.77	2.67	4
1986.....	1.58	0.34	0.81	2.73	4
1985.....	1.60	0.33	0.88	2.81	4
1984.....	1.70	0.32	0.93	2.95	3
1983.....	1.79	0.32	0.99	3.09	3
1982.....	1.82	0.32	1.02	3.17	3
1981.....	1.90	0.33	1.05	3.28	3
1980.....	1.82	0.35	1.04	3.21	3
1979.....	1.83	0.41	1.05	3.29	3
1978.....	1.82	0.20	1.07	3.10	3
1977.....	1.83	0.20	1.10	3.12	3
Nebraska					
2000.....	1.44	0.17	0.62	2.23	6
1999.....	1.42	0.17	0.60	2.19	6
1998.....	1.39	0.18	0.58	2.16	6
1997.....	1.35	0.18	0.56	2.09	7
1996.....	1.35	0.18	0.57	2.11	6
1995.....	1.35	0.19	0.57	2.10	7
1994.....	1.39	0.18	0.57	2.14	7
1993.....	1.37	0.18	0.59	2.14	7
1992.....	1.37	0.18	0.61	2.16	7
1991.....	1.40	0.18	0.61	2.19	7
1990.....	1.41	0.20	0.64	2.25	7
1989.....	1.37	0.19	0.62	2.18	7
1988.....	1.37	0.22	0.65	2.23	7
1987.....	1.40	0.22	0.65	2.27	7
1986.....	1.38	0.23	0.67	2.28	7
1985.....	1.40	0.22	0.75	2.37	7
1984.....	1.44	0.20	0.76	2.41	7
1983.....	1.49	0.21	0.79	2.49	7
1982.....	1.50	0.28	0.58	2.37	7
1981.....	1.57	0.20	0.88	2.66	6
1980.....	1.56	0.19	0.89	2.64	6

Decile values (1 = highest) apply only to State-level data. Numbers may not sum due to rounding.

Table 3. Per capita ethanol consumption for States, census regions, and the United States, 1977–2000. [Gallons of ethanol, based on population age 14 and older] (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
1979.....	1.50	0.18	0.88	2.57	7
1978.....	1.47	0.18	0.89	2.54	7
1977.....	1.45	0.17	0.91	2.53	6
Nevada					
2000.....	1.79	0.62	1.26	3.67	1
1999.....	1.82	0.63	1.29	3.74	1
1998.....	1.80	0.58	1.23	3.62	1
1997.....	1.84	0.58	1.30	3.72	1
1996.....	1.91	0.59	1.39	3.89	1
1995.....	1.87	0.58	1.39	3.84	1
1994.....	1.93	0.57	1.51	4.00	1
1993.....	1.95	0.58	1.54	4.06	1
1992.....	2.02	0.62	1.61	4.25	1
1991.....	2.05	0.63	1.63	4.31	1
1990.....	2.17	0.69	1.92	4.78	1
1989.....	2.18	0.73	1.92	4.83	1
1988.....	2.13	0.78	2.00	4.91	1
1987.....	2.05	0.84	2.09	4.99	1
1986.....	2.07	0.88	2.11	5.05	1
1985.....	1.96	0.84	2.18	4.99	1
1984.....	2.01	0.82	2.36	5.19	1
1983.....	1.98	0.79	2.45	5.22	1
1982.....	1.99	0.77	2.50	5.25	1
1981.....	2.08	0.80	2.71	5.59	1
1980.....	2.09	0.79	2.94	5.82	1
1979.....	2.28	0.88	3.28	6.44	1
1978.....	2.20	0.85	3.65	6.69	1
1977.....	2.15	0.83	3.85	6.84	1
New Hampshire					
2000.....	1.75	0.56	1.69	4.00	1
1999.....	1.75	0.56	1.70	4.01	1
1998.....	1.72	0.54	1.73	3.98	1
1997.....	1.73	0.55	1.76	4.04	1
1996.....	1.73	0.55	1.85	4.13	1
1995.....	1.74	0.51	1.87	4.12	1
1994.....	1.75	0.48	1.90	4.13	1
1993.....	1.83	0.54	2.01	4.38	1
1992.....	1.81	0.52	1.96	4.30	1
1991.....	1.85	0.49	1.96	4.30	1
1990.....	1.85	0.49	1.97	4.30	1
1989.....	1.87	0.50	1.99	4.37	1
1988.....	1.91	0.49	1.94	4.33	1
1987.....	1.93	0.50	1.98	4.41	1
1986.....	1.93	0.52	2.06	4.51	1
1985.....	1.99	0.53	2.21	4.73	1
1984.....	1.99	0.59	2.33	4.91	1
1983.....	2.17	0.56	2.35	5.08	1
1982.....	1.89	0.58	2.34	4.81	1
1981.....	1.89	0.59	2.44	4.92	1
1980.....	2.21	0.69	2.86	5.76	1
1979.....	1.98	0.62	2.61	5.20	1
1978.....	1.99	0.54	2.94	5.46	1
1977.....	1.89	0.50	2.93	5.32	1
New Jersey					
2000.....	0.96	0.47	0.77	2.19	6
1999.....	0.97	0.46	0.71	2.14	7
1998.....	0.98	0.46	0.69	2.12	7
1997.....	0.98	0.42	0.74	2.15	6
1996.....	1.00	0.44	0.76	2.20	6
1995.....	1.03	0.44	0.75	2.22	5
1994.....	1.04	0.43	0.79	2.27	5
1993.....	1.07	0.42	0.79	2.29	5
1992.....	1.07	0.44	0.83	2.34	5
1991.....	1.09	0.43	0.82	2.34	6
1990.....	1.15	0.48	0.95	2.58	4
1989.....	1.13	0.50	0.96	2.59	3
1988.....	1.15	0.51	0.93	2.58	4
1987.....	1.18	0.54	1.01	2.72	4
1986.....	1.18	0.56	1.03	2.77	4
1985.....	1.18	0.55	1.08	2.81	4

Decile values (1 = highest) apply only to State-level data. Numbers may not sum due to rounding.

Table 3. Per capita ethanol consumption for States, census regions, and the United States, 1977–2000. [Gallons of ethanol, based on population age 14 and older] (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
1984.....	1.19	0.55	1.10	2.83	4
1983.....	1.21	0.52	1.13	2.86	4
1982.....	1.22	0.52	1.13	2.87	4
1981.....	1.22	0.51	1.15	2.87	5
1980.....	1.23	0.47	1.13	2.83	5
1979.....	1.18	0.43	1.10	2.71	6
1978.....	1.17	0.42	1.10	2.69	6
1977.....	1.16	0.40	1.13	2.69	5
New Mexico					
2000.....	1.53	0.25	0.61	2.38	3
1999.....	1.53	0.25	0.59	2.36	4
1998.....	1.49	0.24	0.58	2.31	4
1997.....	1.51	0.24	0.58	2.33	3
1996.....	1.55	0.24	0.59	2.38	3
1995.....	1.56	0.24	0.60	2.40	3
1994.....	1.46	0.19	0.60	2.25	5
1993.....	1.53	0.23	0.63	2.39	3
1992.....	1.56	0.25	0.66	2.47	4
1991.....	1.64	0.26	0.64	2.54	3
1990.....	1.68	0.28	0.68	2.64	3
1989.....	1.64	0.29	0.65	2.58	4
1988.....	1.63	0.33	0.67	2.64	4
1987.....	1.63	0.35	0.67	2.65	4
1986.....	1.64	0.35	0.70	2.70	4
1985.....	1.70	0.36	0.77	2.83	4
1984.....	1.71	0.28	0.76	2.75	5
1983.....	1.72	0.31	0.98	3.00	4
1982.....	1.72	0.34	0.94	3.00	4
1981.....	1.74	0.32	0.95	3.01	4
1980.....	1.66	0.32	1.00	2.99	4
1979.....	1.71	0.30	1.01	3.02	4
1978.....	1.68	0.32	0.98	2.99	4
1977.....	1.65	0.32	0.96	2.93	4
New York					
2000.....	0.92	0.38	0.58	1.88	9
1999.....	0.93	0.37	0.56	1.85	9
1998.....	0.95	0.38	0.51	1.84	9
1997.....	0.94	0.37	0.57	1.87	8
1996.....	0.97	0.36	0.57	1.90	8
1995.....	0.98	0.38	0.57	1.93	8
1994.....	0.98	0.35	0.60	1.93	8
1993.....	1.00	0.35	0.62	1.98	8
1992.....	1.04	0.37	0.68	2.09	8
1991.....	1.09	0.37	0.69	2.14	7
1990.....	1.13	0.41	0.76	2.30	7
1989.....	1.12	0.42	0.82	2.36	7
1988.....	1.15	0.45	0.87	2.47	6
1987.....	1.15	0.48	0.90	2.53	5
1986.....	1.13	0.50	0.92	2.55	6
1985.....	1.14	0.49	0.98	2.62	5
1984.....	1.15	0.49	1.03	2.67	5
1983.....	1.23	0.49	1.05	2.77	5
1982.....	1.26	0.48	1.10	2.84	5
1981.....	1.25	0.46	1.12	2.83	5
1980.....	1.28	0.46	1.18	2.91	5
1979.....	1.21	0.44	1.17	2.82	5
1978.....	1.18	0.42	1.17	2.77	5
1977.....	1.18	0.38	1.17	2.74	5
North Carolina					
2000.....	1.19	0.23	0.52	1.94	8
1999.....	1.16	0.24	0.51	1.90	8
1998.....	1.13	0.23	0.50	1.87	8
1997.....	1.15	0.23	0.51	1.89	8
1996.....	1.14	0.24	0.52	1.90	8
1995.....	1.12	0.22	0.53	1.86	8
1994.....	1.14	0.21	0.54	1.89	8
1993.....	1.14	0.22	0.56	1.92	9
1992.....	1.14	0.23	0.59	1.96	8
1991.....	1.11	0.24	0.60	1.96	9
1990.....	1.16	0.27	0.65	2.08	9

Decile values (1 = highest) apply only to State-level data. Numbers may not sum due to rounding.

Table 3. Per capita ethanol consumption for States, census regions, and the United States, 1977–2000. [Gallons of ethanol, based on population age 14 and older] (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
1989.....	1.13	0.27	0.66	2.06	8
1988.....	1.12	0.28	0.68	2.09	8
1987.....	1.11	0.28	0.71	2.10	8
1986.....	1.12	0.30	0.74	2.15	8
1985.....	1.09	0.27	0.76	2.13	8
1984.....	1.11	0.24	0.78	2.13	8
1983.....	1.10	0.22	0.80	2.12	9
1982.....	1.07	0.21	0.85	2.13	9
1981.....	1.10	0.21	0.86	2.17	9
1980.....	1.11	0.20	0.86	2.17	9
1979.....	1.08	0.22	0.88	2.18	8
1978.....	1.06	0.20	0.86	2.12	9
1977.....	1.01	0.20	0.84	2.05	8
North Dakota					
2000.....	1.47	0.15	0.79	2.40	3
1999.....	1.49	0.15	0.78	2.42	3
1998.....	1.45	0.13	0.76	2.35	3
1997.....	1.40	0.13	0.77	2.30	4
1996.....	1.40	0.13	0.77	2.29	4
1995.....	1.35	0.16	0.77	2.28	4
1994.....	1.39	0.15	0.78	2.32	4
1993.....	1.37	0.15	0.84	2.36	4
1992.....	1.38	0.15	0.85	2.39	5
1991.....	1.43	0.16	0.86	2.44	4
1990.....	1.47	0.17	0.93	2.56	4
1989.....	1.38	0.17	0.84	2.38	6
1988.....	1.38	0.19	0.86	2.43	6
1987.....	1.35	0.20	0.87	2.42	6
1986.....	1.32	0.22	0.86	2.40	7
1985.....	1.33	0.19	0.96	2.48	7
1984.....	1.40	0.17	0.98	2.55	6
1983.....	1.48	0.17	1.05	2.71	6
1982.....	1.52	0.18	1.09	2.79	5
1981.....	1.53	0.18	1.14	2.85	5
1980.....	1.53	0.17	1.14	2.83	5
1979.....	1.45	0.16	1.10	2.71	6
1978.....	1.45	0.16	1.15	2.76	5
1977.....	1.35	0.15	1.12	2.62	6
Ohio					
2000.....	1.30	0.19	0.50	1.99	8
1999.....	1.32	0.20	0.48	2.00	8
1998.....	1.31	0.19	0.47	1.97	8
1997.....	1.28	0.18	0.46	1.91	8
1996.....	1.30	0.18	0.45	1.93	8
1995.....	1.28	0.17	0.46	1.90	8
1994.....	1.31	0.16	0.37	1.85	9
1993.....	1.29	0.16	0.50	1.95	8
1992.....	1.32	0.17	0.50	1.98	8
1991.....	1.33	0.18	0.51	2.03	8
1990.....	1.34	0.22	0.53	2.09	8
1989.....	1.35	0.22	0.50	2.07	8
1988.....	1.34	0.24	0.54	2.11	8
1987.....	1.35	0.24	0.59	2.17	8
1986.....	1.32	0.25	0.60	2.17	8
1985.....	1.37	0.25	0.59	2.20	8
1984.....	1.41	0.25	0.61	2.26	8
1983.....	1.36	0.22	0.65	2.22	8
1982.....	1.40	0.22	0.66	2.28	8
1981.....	1.35	0.22	0.68	2.25	8
1980.....	1.39	0.22	0.72	2.33	8
1979.....	1.36	0.20	0.71	2.26	8
1978.....	1.19	0.20	0.70	2.09	9
1977.....	1.17	0.18	0.70	2.04	9
Oklahoma					
2000.....	1.13	0.12	0.44	1.69	10
1999.....	1.11	0.12	0.44	1.68	10
1998.....	1.12	0.12	0.43	1.68	10
1997.....	1.10	0.12	0.43	1.65	10
1996.....	1.09	0.12	0.45	1.66	10
1995.....	1.10	0.12	0.44	1.66	10

Decile values (1 = highest) apply only to State-level data. Numbers may not sum due to rounding.

Table 3. Per capita ethanol consumption for States, census regions, and the United States, 1977–2000. [Gallons of ethanol, based on population age 14 and older] (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
1994.....	1.15	0.13	0.50	1.78	9
1993.....	1.11	0.11	0.48	1.70	10
1992.....	1.13	0.13	0.55	1.81	9
1991.....	1.09	0.13	0.54	1.76	10
1990.....	1.12	0.14	0.55	1.81	10
1989.....	1.05	0.13	0.53	1.70	10
1988.....	1.05	0.14	0.50	1.69	10
1987.....	1.04	0.15	0.57	1.76	10
1986.....	1.04	0.15	0.61	1.80	10
1985.....	1.04	0.15	0.68	1.87	10
1984.....	1.01	0.16	0.74	1.91	9
1983.....	1.05	0.16	0.77	1.98	9
1982.....	1.17	0.16	0.83	2.17	8
1981.....	1.14	0.16	0.83	2.13	9
1980.....	1.08	0.16	0.71	1.95	9
1979.....	1.05	0.13	0.80	1.98	9
1978.....	1.08	0.14	0.82	2.04	9
1977.....	1.07	0.14	0.78	1.98	9
Oregon					
2000.....	1.20	0.44	0.64	2.28	5
1999.....	1.21	0.43	0.63	2.27	5
1998.....	1.20	0.43	0.61	2.25	5
1997.....	1.19	0.44	0.60	2.24	5
1996.....	1.23	0.44	0.61	2.27	5
1995.....	1.21	0.42	0.59	2.23	5
1994.....	1.23	0.37	0.62	2.21	6
1993.....	1.24	0.43	0.64	2.31	5
1992.....	1.29	0.46	0.67	2.41	4
1991.....	1.28	0.44	0.67	2.38	5
1990.....	1.32	0.47	0.73	2.51	5
1989.....	1.26	0.46	0.69	2.41	6
1988.....	1.27	0.51	0.71	2.48	5
1987.....	1.26	0.53	0.72	2.50	6
1986.....	1.26	0.54	0.73	2.54	6
1985.....	1.25	0.55	0.77	2.57	6
1984.....	1.28	0.53	0.82	2.63	6
1983.....	1.31	0.53	0.85	2.69	6
1982.....	1.33	0.53	0.88	2.74	6
1981.....	1.38	0.50	0.92	2.80	6
1980.....	1.37	0.51	0.94	2.82	5
1979.....	1.39	0.47	0.96	2.82	5
1978.....	1.34	0.47	0.98	2.79	5
1977.....	1.33	0.46	0.96	2.74	5
Pennsylvania					
2000.....	1.21	0.21	0.47	1.90	9
1999.....	1.20	0.21	0.46	1.87	9
1998.....	1.21	0.19	0.45	1.86	9
1997.....	1.20	0.19	0.44	1.84	9
1996.....	1.22	0.19	0.45	1.86	9
1995.....	1.23	0.18	0.45	1.86	9
1994.....	1.28	0.18	0.47	1.93	8
1993.....	1.31	0.17	0.48	1.96	8
1992.....	1.30	0.18	0.51	1.99	8
1991.....	1.36	0.17	0.52	2.05	8
1990.....	1.42	0.18	0.55	2.15	8
1989.....	1.36	0.18	0.56	2.10	7
1988.....	1.39	0.19	0.53	2.11	8
1987.....	1.38	0.20	0.61	2.20	8
1986.....	1.38	0.21	0.64	2.23	8
1985.....	1.37	0.21	0.65	2.22	8
1984.....	1.37	0.21	0.66	2.25	8
1983.....	1.41	0.22	0.67	2.29	8
1982.....	1.44	0.23	0.70	2.36	8
1981.....	1.42	0.23	0.72	2.37	8
1980.....	1.45	0.22	0.71	2.39	7
1979.....	1.42	0.22	0.73	2.37	8
1978.....	1.36	0.21	0.74	2.32	8
1977.....	1.35	0.20	0.74	2.29	8

Decile values (1 = highest) apply only to State-level data. Numbers may not sum due to rounding.

Table 3. Per capita ethanol consumption for States, census regions, and the United States, 1977–2000. [Gallons of ethanol, based on population age 14 and older] (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
Rhode Island					
2000	1.15	0.46	0.70	2.31	5
1999	1.14	0.45	0.69	2.28	4
1998	1.14	0.47	0.63	2.24	5
1997	1.22	0.44	0.64	2.30	4
1996	1.16	0.42	0.65	2.24	5
1995	1.19	0.38	0.60	2.17	6
1994	1.23	0.38	0.66	2.27	5
1993	1.22	0.36	0.69	2.27	6
1992	1.24	0.39	0.70	2.33	6
1991	1.33	0.37	0.71	2.41	4
1990	1.31	0.44	0.79	2.54	5
1989	1.37	0.46	0.87	2.69	3
1988	1.39	0.49	0.97	2.85	3
1987	1.40	0.51	0.94	2.85	3
1986	1.41	0.53	0.93	2.86	3
1985	1.40	0.51	1.03	2.94	3
1984	1.37	0.52	1.03	2.92	3
1983	1.48	0.50	1.06	3.04	3
1982	1.34	0.55	1.04	2.93	4
1981	1.36	0.52	1.04	2.92	4
1980	1.46	0.53	1.14	3.14	3
1979	1.46	0.50	1.11	3.07	3
1978	1.41	0.50	1.16	3.07	3
1977	1.39	0.43	1.12	2.93	4
South Carolina					
2000	1.45	0.22	0.70	2.37	4
1999	1.43	0.22	0.72	2.38	3
1998	1.42	0.21	0.72	2.35	3
1997	1.40	0.19	0.71	2.30	4
1996	1.39	0.21	0.71	2.31	4
1995	1.38	0.18	0.67	2.23	5
1994	1.38	0.17	0.74	2.29	4
1993	1.36	0.20	0.75	2.30	5
1992	1.34	0.20	0.79	2.33	5
1991	1.34	0.22	0.84	2.41	5
1990	1.44	0.25	0.92	2.61	4
1989	1.37	0.24	0.86	2.47	5
1988	1.37	0.26	0.89	2.51	5
1987	1.34	0.27	0.88	2.49	6
1986	1.30	0.27	0.92	2.50	6
1985	1.26	0.25	0.99	2.49	6
1984	1.26	0.24	1.00	2.50	7
1983	1.26	0.20	1.01	2.47	7
1982	1.24	0.20	1.00	2.44	7
1981	1.25	0.19	1.05	2.49	7
1980	1.22	0.18	1.06	2.46	7
1979	1.25	0.17	1.18	2.60	7
1978	1.20	0.17	1.21	2.59	7
1977	1.17	0.17	1.14	2.49	7
South Dakota					
2000	1.44	0.15	0.68	2.27	5
1999	1.43	0.14	0.70	2.27	5
1998	1.42	0.13	0.68	2.24	5
1997	1.36	0.13	0.69	2.18	6
1996	1.36	0.13	0.68	2.18	6
1995	1.34	0.12	0.73	2.20	6
1994	1.38	0.12	0.73	2.24	5
1993	1.35	0.12	0.73	2.20	6
1992	1.37	0.15	0.74	2.26	6
1991	1.37	0.15	0.76	2.27	6
1990	1.36	0.18	0.80	2.34	6
1989	1.25	0.15	0.70	2.09	8
1988	1.21	0.16	0.76	2.13	8
1987	1.24	0.19	0.79	2.22	8
1986	1.22	0.19	0.81	2.23	8
1985	1.22	0.18	0.94	2.34	8
1984	1.27	0.17	0.89	2.33	7
1983	1.30	0.17	0.95	2.43	7
1982	1.29	0.18	0.98	2.45	7

Decile values (1 = highest) apply only to State-level data. Numbers may not sum due to rounding.

Table 3. Per capita ethanol consumption for States, census regions, and the United States, 1977–2000. [Gallons of ethanol, based on population age 14 and older] (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
1981	1.32	0.19	1.05	2.56	7
1980	1.30	0.18	1.07	2.56	7
1979	1.23	0.17	1.04	2.44	7
1978	1.19	0.17	1.05	2.42	7
1977	1.15	0.17	1.06	2.38	7
Tennessee					
2000	1.21	0.15	0.50	1.86	9
1999	1.21	0.15	0.49	1.86	9
1998	1.19	0.15	0.50	1.84	9
1997	1.16	0.16	0.50	1.82	9
1996	1.18	0.15	0.51	1.84	9
1995	1.18	0.15	0.52	1.84	9
1994	1.18	0.15	0.53	1.86	9
1993	1.20	0.14	0.54	1.87	9
1992	1.21	0.14	0.56	1.90	9
1991	1.19	0.13	0.54	1.87	9
1990	1.22	0.14	0.60	1.96	9
1989	1.18	0.14	0.59	1.90	9
1988	1.20	0.14	0.60	1.95	9
1987	1.17	0.15	0.62	1.94	9
1986	1.17	0.16	0.63	1.96	9
1985	1.11	0.16	0.67	1.94	9
1984	1.11	0.15	0.70	1.95	9
1983	1.10	0.14	0.69	1.93	10
1982	1.13	0.14	0.70	1.96	10
1981	1.14	0.13	0.72	1.98	10
1980	1.10	0.12	0.69	1.92	9
1979	1.14	0.11	0.73	1.98	9
1978	1.16	0.11	0.72	1.99	9
1977	1.10	0.10	0.71	1.91	10
Texas					
2000	1.53	0.22	0.50	2.25	6
1999	1.54	0.20	0.49	2.23	6
1998	1.53	0.23	0.49	2.25	5
1997	1.54	0.20	0.47	2.22	5
1996	1.56	0.22	0.49	2.26	5
1995	1.55	0.19	0.49	2.23	5
1994	1.60	0.20	0.51	2.31	4
1993	1.60	0.20	0.53	2.33	4
1992	1.65	0.24	0.55	2.45	4
1991	1.60	0.25	0.55	2.40	5
1990	1.64	0.26	0.58	2.47	6
1989	1.62	0.26	0.58	2.46	5
1988	1.61	0.28	0.59	2.47	6
1987	1.61	0.29	0.61	2.51	6
1986	1.67	0.31	0.65	2.63	5
1985	1.68	0.30	0.73	2.70	5
1984	1.74	0.28	0.79	2.82	4
1983	1.73	0.27	0.79	2.79	5
1982	1.83	0.18	0.84	2.85	4
1981	1.84	0.24	0.85	2.93	4
1980	1.77	0.22	0.81	2.80	6
1979	1.76	0.14	0.87	2.77	5
1978	1.70	0.14	0.84	2.68	6
1977	1.63	0.14	0.81	2.58	6
Utah					
2000	0.77	0.11	0.40	1.27	10
1999	0.79	0.10	0.38	1.27	10
1998	0.73	0.10	0.37	1.20	10
1997	0.76	0.10	0.39	1.25	10
1996	0.77	0.10	0.37	1.24	10
1995	0.75	0.09	0.37	1.21	10
1994	0.76	0.09	0.38	1.24	10
1993	0.78	0.11	0.39	1.28	10
1992	0.79	0.12	0.42	1.33	10
1991	0.80	0.12	0.43	1.34	10
1990	0.80	0.12	0.46	1.39	10
1989	0.82	0.13	0.47	1.42	10
1988	0.83	0.14	0.49	1.45	10
1987	0.84	0.15	0.50	1.49	10

Decile values (1 = highest) apply only to State-level data. Numbers may not sum due to rounding.

Table 3. Per capita ethanol consumption for States, census regions, and the United States, 1977–2000. [Gallons of ethanol, based on population age 14 and older] (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
1986.....	0.89	0.17	0.52	1.58	10
1985.....	0.90	0.15	0.53	1.58	10
1984.....	0.88	0.14	0.52	1.53	10
1983.....	0.88	0.14	0.50	1.52	10
1982.....	1.01	0.15	0.55	1.71	10
1981.....	1.01	0.15	0.58	1.74	10
1980.....	0.96	0.14	0.60	1.71	10
1979.....	0.97	0.16	0.62	1.75	10
1978.....	0.96	0.15	0.61	1.72	10
1977.....	0.97	0.14	0.59	1.70	10
Vermont					
2000.....	1.23	0.47	0.63	2.34	4
1999.....	1.23	0.47	0.62	2.32	4
1998.....	1.25	0.47	0.62	2.34	4
1997.....	1.23	0.46	0.63	2.33	4
1996.....	1.29	0.46	0.64	2.38	3
1995.....	1.27	0.41	0.66	2.34	3
1994.....	1.34	0.42	0.74	2.50	3
1993.....	1.34	0.44	0.74	2.52	2
1992.....	1.35	0.44	0.78	2.57	3
1991.....	1.41	0.46	0.82	2.69	2
1990.....	1.47	0.48	0.85	2.80	2
1989.....	1.45	0.51	0.88	2.84	2
1988.....	1.51	0.56	0.93	3.00	2
1987.....	1.56	0.58	0.98	3.11	1
1986.....	1.55	0.59	1.04	3.17	1
1985.....	1.49	0.55	1.09	3.13	2
1984.....	1.48	0.49	1.15	3.12	2
1983.....	1.52	0.50	1.19	3.21	2
1982.....	1.49	0.50	1.25	3.24	2
1981.....	1.49	0.50	1.33	3.32	2
1980.....	1.43	0.48	1.39	3.30	2
1979.....	1.57	0.47	1.50	3.54	1
1978.....	1.53	0.47	1.59	3.59	1
1977.....	1.42	0.44	1.58	3.44	1
Virginia					
2000.....	1.16	0.31	0.50	1.97	8
1999.....	1.18	0.32	0.47	1.96	8
1998.....	1.18	0.29	0.47	1.94	8
1997.....	1.13	0.29	0.48	1.90	8
1996.....	1.13	0.30	0.49	1.92	8
1995.....	1.15	0.29	0.49	1.93	8
1994.....	1.20	0.27	0.51	1.99	8
1993.....	1.24	0.27	0.54	2.05	8
1992.....	1.25	0.28	0.57	2.10	7
1991.....	1.20	0.28	0.58	2.06	8
1990.....	1.25	0.30	0.62	2.18	8
1989.....	1.23	0.31	0.65	2.19	7
1988.....	1.31	0.25	0.68	2.24	7
1987.....	1.40	0.26	0.71	2.36	7
1986.....	1.52	0.27	0.73	2.53	6
1985.....	1.46	0.30	0.79	2.55	6
1984.....	1.46	0.29	0.80	2.55	6
1983.....	1.47	0.27	0.82	2.57	6
1982.....	1.45	0.27	0.86	2.59	6
1981.....	1.23	0.27	0.89	2.39	7
1980.....	1.23	0.25	0.91	2.39	7
1979.....	1.23	0.25	0.92	2.40	8
1978.....	1.22	0.21	0.90	2.33	8
1977.....	1.19	0.21	0.90	2.30	7
Washington					
2000.....	1.09	0.41	0.66	2.16	7
1999.....	1.10	0.40	0.63	2.13	7
1998.....	1.12	0.43	0.63	2.18	6
1997.....	1.11	0.42	0.63	2.16	6
1996.....	1.13	0.40	0.63	2.16	6
1995.....	1.14	0.40	0.63	2.17	6
1994.....	1.18	0.39	0.65	2.23	6
1993.....	1.19	0.39	0.69	2.27	5

Decile values (1 = highest) apply only to State-level data. Numbers may not sum due to rounding.

Table 3. Per capita ethanol consumption for States, census regions, and the United States, 1977–2000. [Gallons of ethanol, based on population age 14 and older] (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
1992.....	1.26	0.46	0.72	2.44	4
1991.....	1.23	0.43	0.73	2.39	5
1990.....	1.27	0.46	0.76	2.49	5
1989.....	1.24	0.47	0.75	2.45	5
1988.....	1.22	0.50	0.77	2.49	5
1987.....	1.23	0.56	0.79	2.58	5
1986.....	1.23	0.61	0.82	2.65	5
1985.....	1.22	0.59	0.87	2.68	5
1984.....	1.24	0.57	0.91	2.71	5
1983.....	1.29	0.54	0.94	2.76	5
1982.....	1.33	0.53	0.99	2.85	4
1981.....	1.38	0.54	1.05	2.97	4
1980.....	1.52	0.52	1.08	3.12	3
1979.....	1.41	0.48	1.10	2.99	4
1978.....	1.39	0.48	1.09	2.96	4
1977.....	1.36	0.45	1.08	2.89	4
West Virginia					
2000.....	1.18	0.10	0.35	1.64	10
1999.....	1.18	0.10	0.37	1.66	10
1998.....	1.17	0.10	0.36	1.63	10
1997.....	1.14	0.10	0.37	1.60	10
1996.....	1.14	0.10	0.37	1.61	10
1995.....	1.14	0.09	0.38	1.61	10
1994.....	1.17	0.08	0.39	1.64	10
1993.....	1.18	0.08	0.40	1.67	10
1992.....	1.16	0.09	0.41	1.66	10
1991.....	1.18	0.09	0.43	1.70	10
1990.....	1.20	0.10	0.42	1.72	10
1989.....	1.12	0.11	0.38	1.60	10
1988.....	1.12	0.12	0.40	1.64	10
1987.....	1.11	0.13	0.41	1.64	10
1986.....	1.10	0.13	0.41	1.64	10
1985.....	1.11	0.13	0.42	1.66	10
1984.....	1.12	0.12	0.44	1.68	10
1983.....	1.13	0.13	0.48	1.74	10
1982.....	1.11	0.14	0.55	1.80	10
1981.....	1.06	0.14	0.66	1.85	10
1980.....	1.00	0.09	0.72	1.82	10
1979.....	0.97	0.09	0.77	1.83	10
1978.....	0.96	0.09	0.79	1.84	10
1977.....	0.98	0.09	0.78	1.85	10
Wisconsin					
2000.....	1.54	0.27	0.95	2.76	1
1999.....	1.53	0.26	0.92	2.72	2
1998.....	1.61	0.26	0.79	2.65	2
1997.....	1.57	0.25	0.89	2.71	1
1996.....	1.53	0.24	0.88	2.65	1
1995.....	1.55	0.23	0.87	2.65	1
1994.....	1.58	0.22	0.91	2.72	2
1993.....	1.59	0.22	0.89	2.71	1
1992.....	1.59	0.25	0.90	2.74	2
1991.....	1.65	0.27	0.84	2.76	1
1990.....	1.74	0.31	1.03	3.07	1
1989.....	1.71	0.31	0.95	2.96	1
1988.....	1.75	0.33	0.95	3.02	2
1987.....	1.78	0.36	0.97	3.11	2
1986.....	1.87	0.34	0.95	3.16	2
1985.....	1.82	0.32	1.05	3.19	1
1984.....	1.86	0.30	1.03	3.19	2
1983.....	1.93	0.33	1.07	3.33	2
1982.....	1.93	0.30	1.04	3.27	2
1981.....	1.95	0.31	1.20	3.47	1
1980.....	1.96	0.31	1.20	3.46	1
1979.....	1.88	0.28	1.17	3.33	3
1978.....	1.80	0.28	1.18	3.25	2
1977.....	1.78	0.27	1.26	3.31	2
Wyoming					
2000.....	1.42	0.18	0.86	2.46	3
1999.....	1.41	0.18	0.84	2.43	3

Decile values (1 = highest) apply only to State-level data. Numbers may not sum due to rounding.

Table 3. Per capita ethanol consumption for States, census regions, and the United States, 1977–2000. [Gallons of ethanol, based on population age 14 and older] (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
1998.....	1.38	0.20	0.81	2.40	3
1997.....	1.36	0.17	0.81	2.33	3
1996.....	1.37	0.16	0.81	2.34	3
1995.....	1.34	0.16	0.80	2.29	4
1994.....	1.42	0.18	0.83	2.43	3
1993.....	1.40	0.19	0.86	2.45	3
1992.....	1.44	0.20	0.91	2.56	3
1991.....	1.45	0.20	0.90	2.56	3
1990.....	1.48	0.22	0.93	2.63	3
1989.....	1.35	0.22	0.82	2.38	6
1988.....	1.39	0.23	0.83	2.46	6
1987.....	1.46	0.24	0.86	2.56	5
1986.....	1.46	0.26	0.92	2.64	5
1985.....	1.56	0.25	1.03	2.84	3
1984.....	1.58	0.22	1.05	2.86	4
1983.....	1.66	0.22	1.09	2.98	4
1982.....	1.80	0.24	1.21	3.25	2
1981.....	1.91	0.24	1.27	3.42	2
1980.....	1.85	0.24	1.32	3.42	2
1979.....	1.86	0.22	1.30	3.38	2
1978.....	1.82	0.22	1.36	3.41	2
1977.....	1.79	0.21	1.32	3.31	2
Northeast region					
2000.....	1.06	0.38	0.66	2.10	
1999.....	1.05	0.38	0.63	2.06	
1998.....	1.07	0.37	0.60	2.04	
1997.....	1.06	0.36	0.63	2.06	
1996.....	1.08	0.36	0.64	2.07	
1995.....	1.09	0.36	0.64	2.09	
1994.....	1.11	0.34	0.67	2.12	
1993.....	1.13	0.34	0.68	2.15	
1992.....	1.14	0.35	0.72	2.21	
1991.....	1.19	0.34	0.73	2.26	
1990.....	1.23	0.38	0.80	2.41	
1989.....	1.22	0.39	0.84	2.44	
1988.....	1.25	0.40	0.86	2.52	
1987.....	1.25	0.43	0.91	2.60	
1986.....	1.25	0.44	0.93	2.62	
1985.....	1.25	0.43	0.98	2.66	
1984.....	1.25	0.43	1.01	2.70	
1983.....	1.31	0.43	1.03	2.76	
1982.....	1.31	0.43	1.05	2.79	
1981.....	1.31	0.41	1.07	2.80	
1980.....	1.34	0.40	1.10	2.84	
1979.....	1.30	0.38	1.09	2.77	
1978.....	1.26	0.36	1.10	2.73	
1977.....	1.25	0.34	1.10	2.69	
Midwest region					
2000.....	1.29	0.23	0.66	2.18	
1999.....	1.29	0.24	0.65	2.17	
1998.....	1.28	0.23	0.63	2.14	
1997.....	1.26	0.23	0.63	2.12	
1996.....	1.27	0.23	0.62	2.12	
1995.....	1.27	0.22	0.63	2.12	
1994.....	1.30	0.22	0.63	2.14	
1993.....	1.30	0.22	0.67	2.18	
1992.....	1.31	0.23	0.68	2.21	
1991.....	1.35	0.23	0.67	2.25	
1990.....	1.38	0.26	0.74	2.37	
1989.....	1.34	0.26	0.71	2.31	
1988.....	1.36	0.28	0.74	2.38	
1987.....	1.37	0.29	0.76	2.42	
1986.....	1.37	0.30	0.78	2.44	
1985.....	1.37	0.28	0.83	2.48	
1984.....	1.39	0.27	0.84	2.50	
1983.....	1.41	0.25	0.87	2.53	
1982.....	1.42	0.27	0.88	2.56	
1981.....	1.42	0.26	0.93	2.61	
1980.....	1.42	0.24	0.96	2.63	
1979.....	1.41	0.23	0.95	2.58	

Decile values (1 = highest) apply only to State-level data. Numbers may not sum due to rounding.

Table 3. Per capita ethanol consumption for States, census regions, and the United States, 1977–2000. [Gallons of ethanol, based on population age 14 and older] (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
1978.....	1.35	0.22	0.96	2.53	
1977.....	1.32	0.21	0.96	2.49	
South region					
2000.....	1.30	0.25	0.61	2.16	
1999.....	1.30	0.25	0.60	2.15	
1998.....	1.28	0.24	0.60	2.12	
1997.....	1.28	0.23	0.60	2.12	
1996.....	1.29	0.24	0.61	2.14	
1995.....	1.29	0.22	0.61	2.12	
1994.....	1.31	0.22	0.64	2.16	
1993.....	1.33	0.22	0.66	2.20	
1992.....	1.33	0.23	0.69	2.26	
1991.....	1.31	0.23	0.69	2.23	
1990.....	1.36	0.26	0.74	2.36	
1989.....	1.33	0.26	0.73	2.31	
1988.....	1.33	0.27	0.74	2.34	
1987.....	1.33	0.27	0.77	2.37	
1986.....	1.35	0.28	0.79	2.42	
1985.....	1.33	0.27	0.85	2.46	
1984.....	1.34	0.27	0.90	2.51	
1983.....	1.36	0.25	0.91	2.52	
1982.....	1.37	0.23	0.95	2.55	
1981.....	1.36	0.24	0.98	2.58	
1980.....	1.31	0.23	0.98	2.51	
1979.....	1.32	0.21	1.03	2.55	
1978.....	1.29	0.20	1.03	2.52	
1977.....	1.25	0.19	1.01	2.44	
West region					
2000.....	1.18	0.43	0.67	2.29	
1999.....	1.19	0.42	0.65	2.27	
1998.....	1.19	0.42	0.65	2.25	
1997.....	1.20	0.43	0.65	2.28	
1996.....	1.21	0.43	0.67	2.30	
1995.....	1.22	0.40	0.66	2.28	
1994.....	1.20	0.41	0.70	2.31	
1993.....	1.26	0.42	0.72	2.39	
1992.....	1.33	0.45	0.76	2.54	
1991.....	1.30	0.44	0.76	2.50	
1990.....	1.37	0.50	0.84	2.71	
1989.....	1.36	0.51	0.84	2.71	
1988.....	1.37	0.57	0.87	2.80	
1987.....	1.39	0.62	0.89	2.90	
1986.....	1.40	0.65	0.92	2.98	
1985.....	1.37	0.65	1.00	3.02	
1984.....	1.41	0.61	1.04	3.05	
1983.....	1.42	0.61	1.07	3.11	
1982.....	1.45	0.60	1.11	3.15	
1981.....	1.49	0.60	1.16	3.26	
1980.....	1.48	0.59	1.20	3.26	
1979.....	1.49	0.58	1.24	3.31	
1978.....	1.43	0.56	1.27	3.26	
1977.....	1.38	0.54	1.22	3.15	
U.S. total					
2000.....	1.22	0.31	0.65	2.18	
1999.....	1.23	0.31	0.63	2.16	
1998.....	1.22	0.30	0.62	2.14	
1997.....	1.22	0.30	0.62	2.14	
1996.....	1.23	0.30	0.63	2.16	
1995.....	1.23	0.29	0.63	2.15	
1994.....	1.25	0.28	0.65	2.18	
1993.....	1.26	0.28	0.68	2.23	
1992.....	1.29	0.30	0.71	2.30	
1991.....	1.29	0.30	0.71	2.30	
1990.....	1.34	0.33	0.77	2.45	
1989.....	1.31	0.34	0.77	2.42	
1988.....	1.33	0.36	0.79	2.48	
1987.....	1.34	0.38	0.82	2.54	
1986.....	1.34	0.39	0.84	2.58	

Decile values (1 = highest) apply only to State-level data. Numbers may not sum due to rounding.

Table 3. Per capita ethanol consumption for States, census regions, and the United States, 1977–2000. [Gallons of ethanol, based on population age 14 and older] (Continued)

State or other geographic area	Per capita consumption				U.S. decile for all beverages
	Beer	Wine	Spirits	All beverages	
1985	1.33	0.38	0.90	2.62	
1984	1.35	0.37	0.94	2.65	
1983	1.37	0.36	0.96	2.69	
1982	1.38	0.36	0.98	2.72	
1981	1.39	0.35	1.02	2.76	
1980	1.38	0.34	1.04	2.76	
1979	1.37	0.32	1.06	2.75	
1978	1.33	0.31	1.07	2.71	
1977	1.29	0.29	1.06	2.64	

Decile values (1 = highest) apply only to State-level data. Numbers may not sum due to rounding.